



PRODUCTION COMPANY  
A Subsidiary of Inland Resources Inc.

December 5, 2001

State of Utah  
Division of Oil, Gas & Mining  
Attn: Brad Hill  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 14-5-9-16 and 15-5-9-16.

Dear Brad:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

*Mandie Crozier*  
Mandie Crozier  
Permit Clerk

mc  
enclosures

RECEIVED

DEC 9 6 2001

DIVISION OF  
OIL, GAS AND MINING

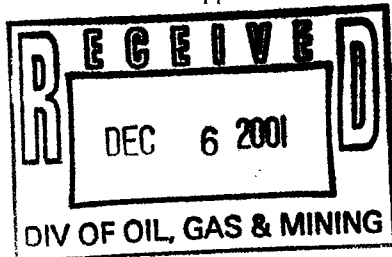
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. UTU-73087		
1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> SINGLE <input type="checkbox"/> MULTIPLE <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/> ZONE <input checked="" type="checkbox"/> ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A		
2. NAME OF OPERATOR Inland Production Company			7. UNIT AGREEMENT NAME West Point		
3. ADDRESS OF OPERATOR Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721			8. FARM OR LEASE NAME WELL NO 14-5-9-16		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface SE/SW 660' FSL 1980' FWL 4433945 N 592930 E At proposed Prod. Zone			9. API WELL NO.		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 12.5 miles southwest of Myton, Utah			10. FIELD AND POOL OR WILDCAT Monument Butte		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE. FT. (Also to Approx. 660' f/lse line & 660' f/unit line		16. NO. OF ACRES IN LEASE 120.00	17. NO. OF ACRES ASSIGNED TO THIS WELL 40		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE. FT. Approx. 1,417'		19. PROPOSED DEPTH 6500'	20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5840.7' GR			22. APPROX. DATE WORK WILL START* 4th Quarter 2001		
23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
Refer to Monument Butte Field SOP's Drilling Program/Casing Design					

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.



Federal Approval of this  
Action is Necessary

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.  
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Monnie Coxie TITLE Permit Clerk DATE 12/5/01

(This space for Federal or State office use)

PERMIT NO. 43-013-32328 APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE RECLAMATION SPECIALIST III

BRADLEY G. HILL  
RECLAMATION SPECIALIST III

12-10-01

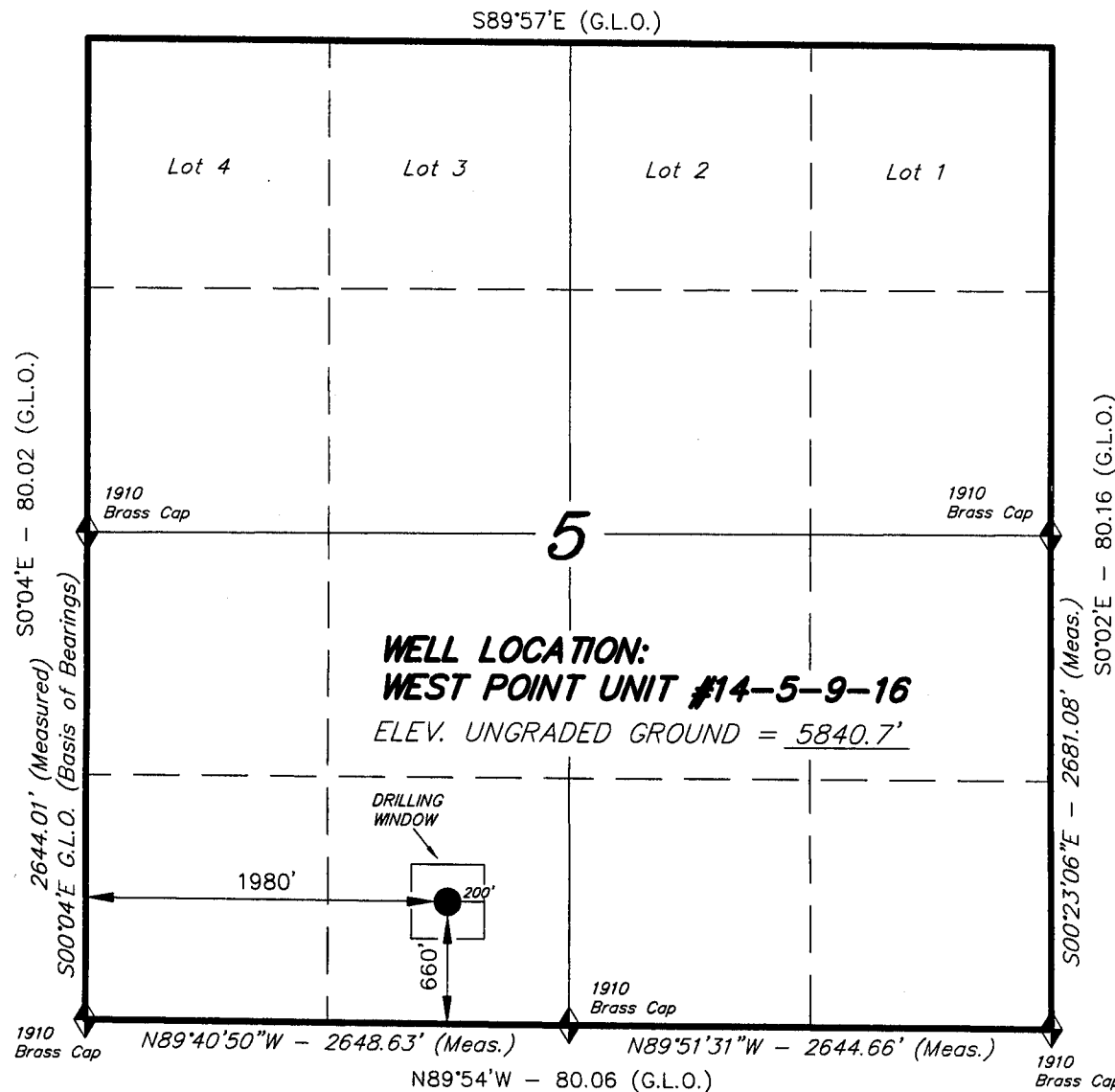
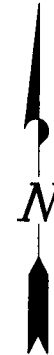
\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

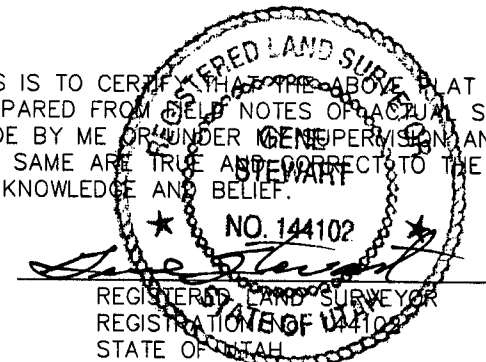
**T9S, R16E, S.L.B.&M.**

**INLAND PRODUCTION COMPANY**

WELL LOCATION, WEST POINT UNIT  
#14-5-9-16, LOCATED AS SHOWN IN  
THE SE 1/4 SW 1/4 OF SECTION 5, T9S,  
R16E, S.L.B.&M. DUCHESNE COUNTY,  
UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

**TRI STATE LAND SURVEYING & CONSULTING**  
38 WEST 100 NORTH - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: L.D.T. K.G.S.
DATE: 10-25-01	WEATHER: WARM
NOTES:	FILE #

Well No.: West Point 14-5-9-16

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: West Point  
Ashley Unit 14-5-9-16

API Number:

Lease Number: UTU-73087

Location: SE/SW Sec. 5, T9S, R16E

**SURFACE USE PROGRAM**  
**CONDITIONS OF APPROVAL**

**CULTURAL RESOURCES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**PALEONTOLOGICAL RESOURCES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**SOILS, WATERSHEDS, AND FLOODPLAINS**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**WILDLIFE AND FISHERIES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES**

**FERRUGINOUS HAWK:** In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**LOCATION AND RESERVE PIT RECLAMATION**

During construction of the reserve pit, a small amount of topsoil shall be stockpiled nearby, to be spread over the reserve pit area at the time the reserve pit is reclaimed.

The topsoil stockpile shall be reseeded immediately after site construction by broadcasting the seed, then walking the topsoil stockpile with the dozer to plant the seed.

The following seed mixture will be used on the topsoil stockpile, the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)



Shadscale	<i>Atriplex confertifolia</i>	3 lbs/acre
Black Sage	<i>Artemisia nova</i>	3 lbs/acre
Galleta grass	<i>Hilaria jamesii</i>	3 lbs/acre
Needle & thread	<i>Stipa comata</i>	3 lbs/acre

The reserve pit shall be reclaimed immediately after drilling operations have ceased. The pit shall be reclaimed by: 1) removing all liquids and any oily debris according to Utah Division of Oil, Gas, & Mining pit closure rules; 2) perforating and folding the liner in place; 3) recontouring the surface; 4) broadcasting the seed over the recontoured surface; and 5) walking the surface of the pit with a dozer to plant the seed.

At the time of final abandonment, the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately.

### **PIPELINES**

Installation of a surface gas pipeline and/or any subsequent buried gas or water pipelines will follow the conditions of approval outlined above.

Except as specified in the APD, the installation of the surface gas line and any subsequent buried pipelines will follow the edge of the existing roadways without interfering with the normal travel and maintenance of the roadway.

The installation of any buried pipelines will disturb as little surface as possible and will not exceed 60 feet in width. Reclamation of the disturbance area associated with buried pipelines will be completed within 10 days after installation. The surface will be recontoured to natural or near natural contours. Reseeding will be with the same seed mixture specified for reclamation of the reserve pit and well site. The interface of the buried line disturbance area and the edge of any adjacent access roads will be constructed with a borrow ditch and road berm to minimize vehicular travel along the water line route.

INLAND PRODUCTION COMPANY  
WEST POINT #14-5-9-16  
SE/SW SECTION 5, T9S, R16E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1640'
Green River	1640 '
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1640' – 6500' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY  
WEST POINT #14-5-9-16  
SE/SW SECTION 5, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site West Point # 14-5-9-16 located in the SE 1/4 SW 1/4 Section 5, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 4.9 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 4.5 miles  $\pm$  to it's junction with an exiting road to the southwest; proceed southwesterly - 1.5 miles  $\pm$  to it's junction with the beginning of the proposed access road to the proposed well location.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Please refer to the Monument Butte Field SOP. See Exhibit "A".

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Paleontological Resource Survey and Archaeological Resource Survey for this area are attached..

Inland Production Company requests a 60' ROW for the West Point #14-5-9-16 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

Inland Production Company also requests a 60' ROW be granted for the West Point #14-5-9-16 to allow for construction of a 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."**

**Water Disposal**

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Mandie Crozier  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #14-5-9-16 SE/SW Section 5, Township 9S, Range 16E: Lease UTU-73087 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and

subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

12/5/01

Date

Mandie Crozier

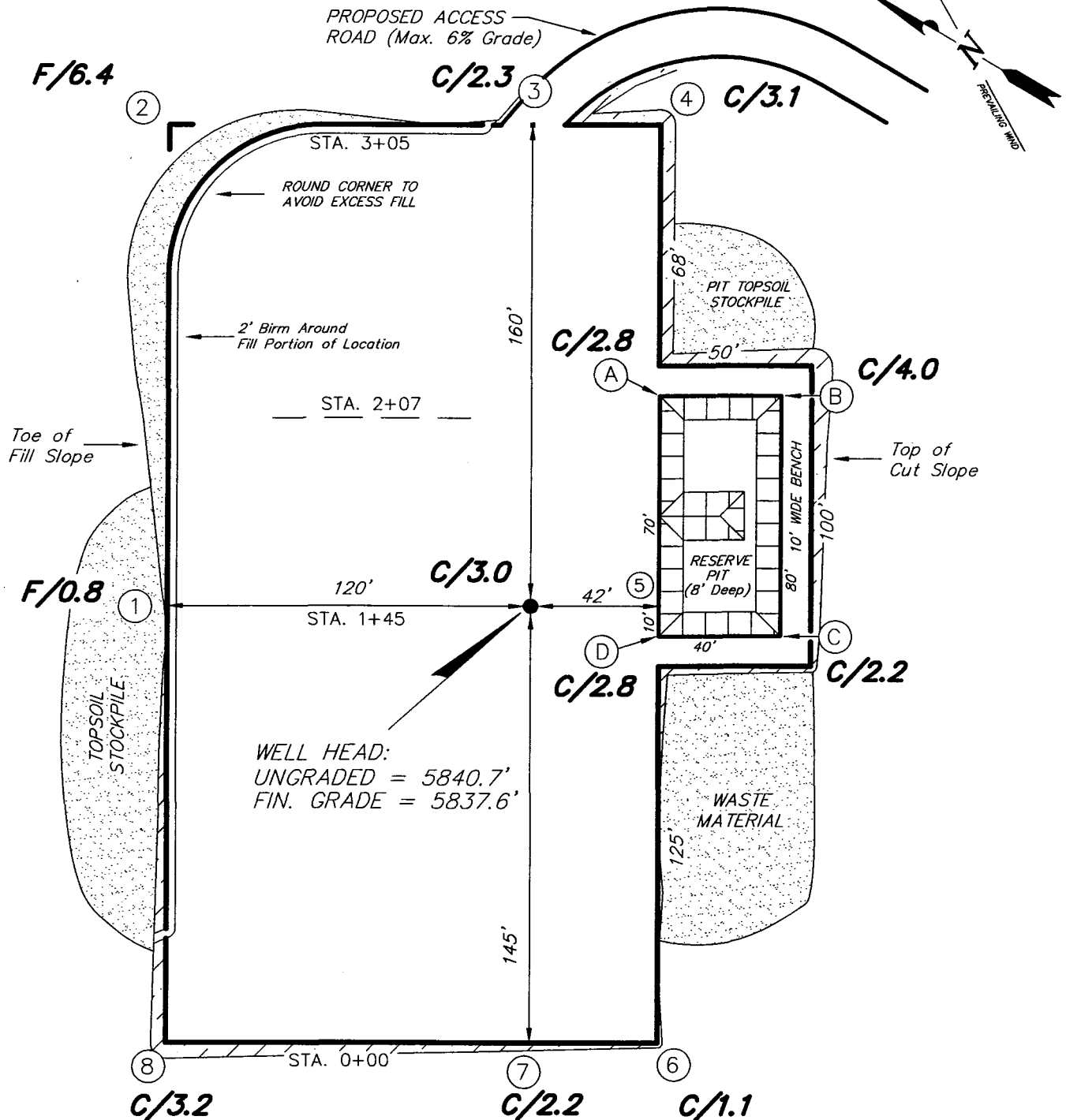
Mandie Crozier

Permit Clerk

# INLAND PRODUCTION COMPANY

WEST POINT UNIT #14-5-9-16

SEC. 5, T9S, R16E, S.L.B.&M.



## REFERENCE POINTS

170' WEST = 5839.5'  
220' WEST = 5840.8'  
195' SOUTH = 5837.5'  
245' SOUTH = 5831.2'

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

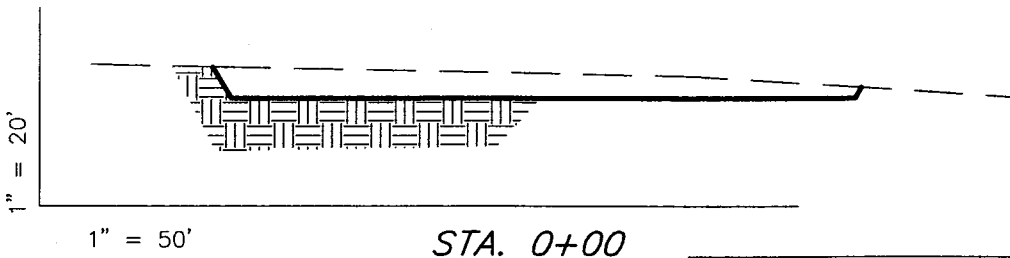
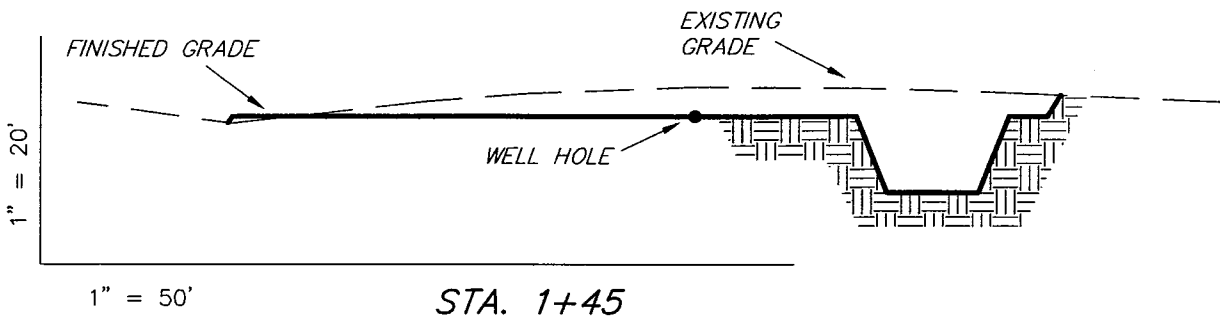
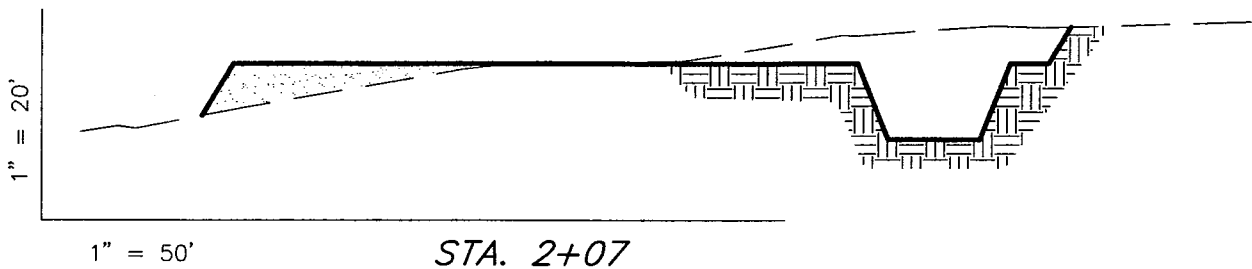
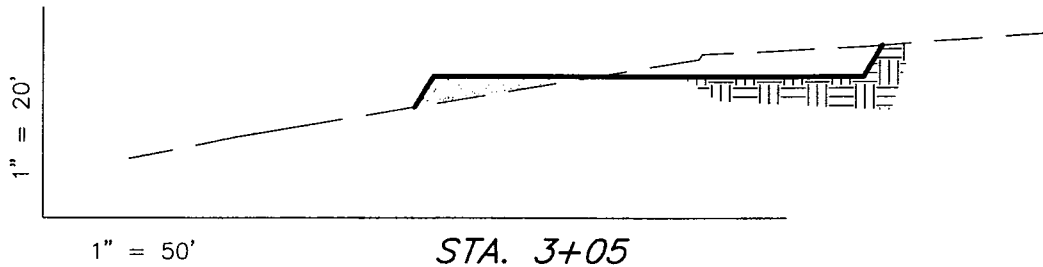
DATE: 10-25-01

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

**INLAND PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**WEST POINT UNIT #14-5-9-16**



NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1

**ESTIMATED EARTHWORK QUANTITIES**

(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,210	2,210	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,850	2,210	1,010	640

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 10-25-01

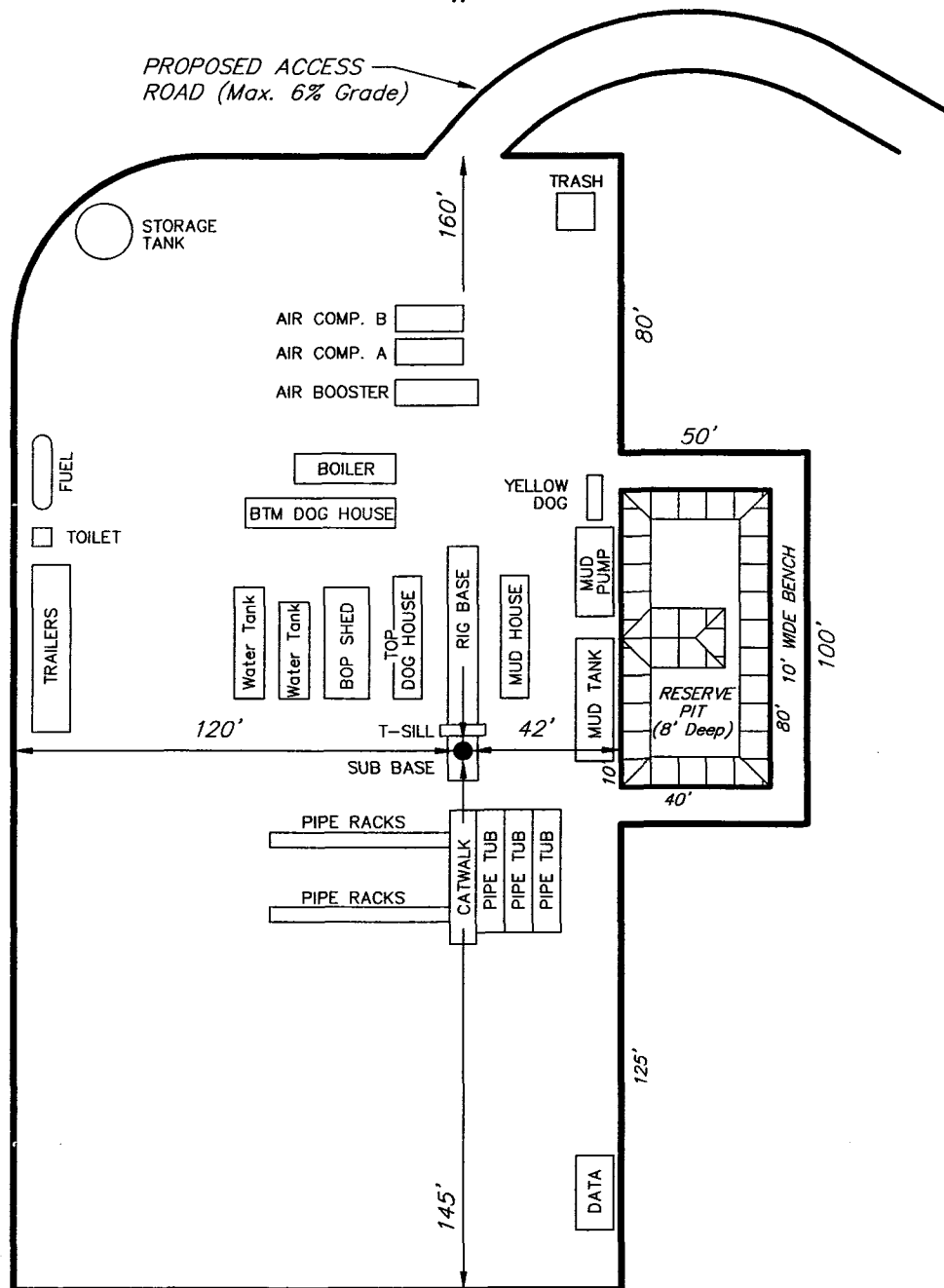
**Tri State**  
**Land Surveying, Inc.**  
38 WEST 100 NORTH VERNAL, UTAH 84078

(435) 781-2501

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### WEST POINT UNIT #14-5-9-16



SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

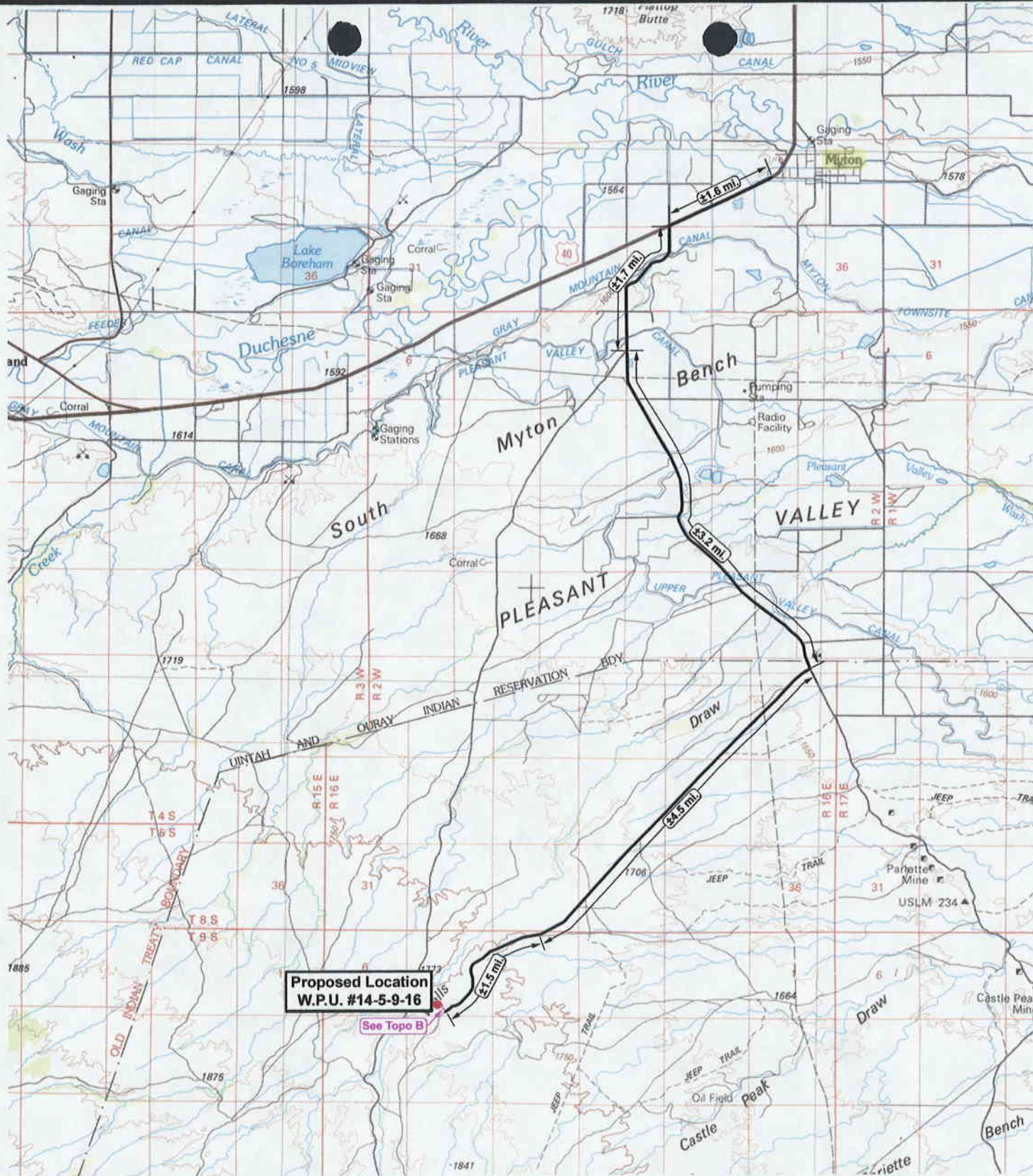
DATE: 10-25-01

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078





RESOURCES INC.

**West Point Unit #14-5-9-16**  
**SEC. 5, T9S, R16E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501

38 West 100 North Vernal, Utah 84078

SCALE: 1" = 100,000

DRAWN BY: D.J.

DATE: 10-26-2001

**Legend**

— Existing Road  
 — Proposed Access

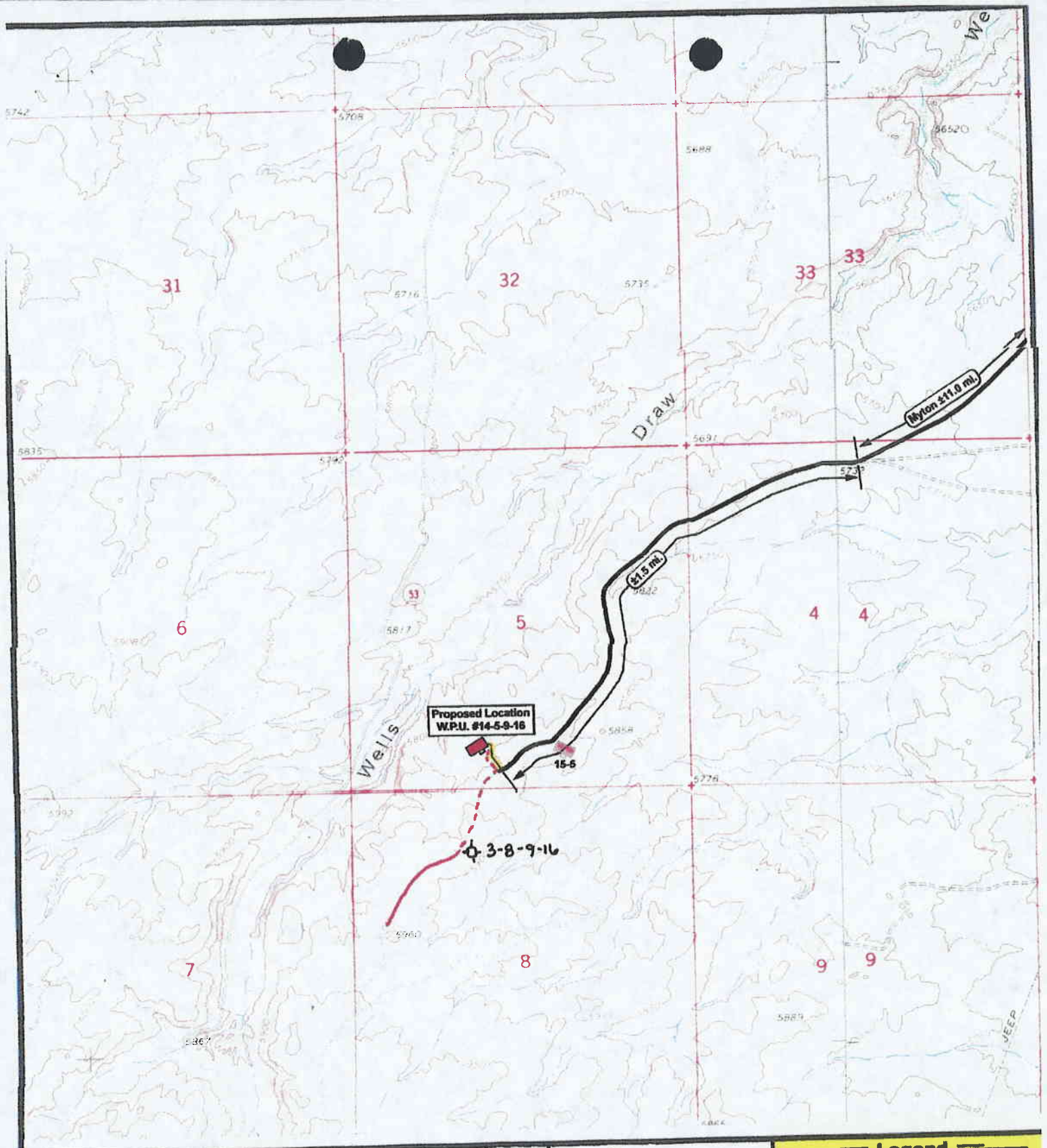
TOPOGRAPHIC MAP

**"A"**



**"B"**





**West Point Unit #14-5-9-16  
SEC. 5, T9S, R16E, S.L.B.&M**



**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: D.J.

DATE: 10-26-2001

### Legend

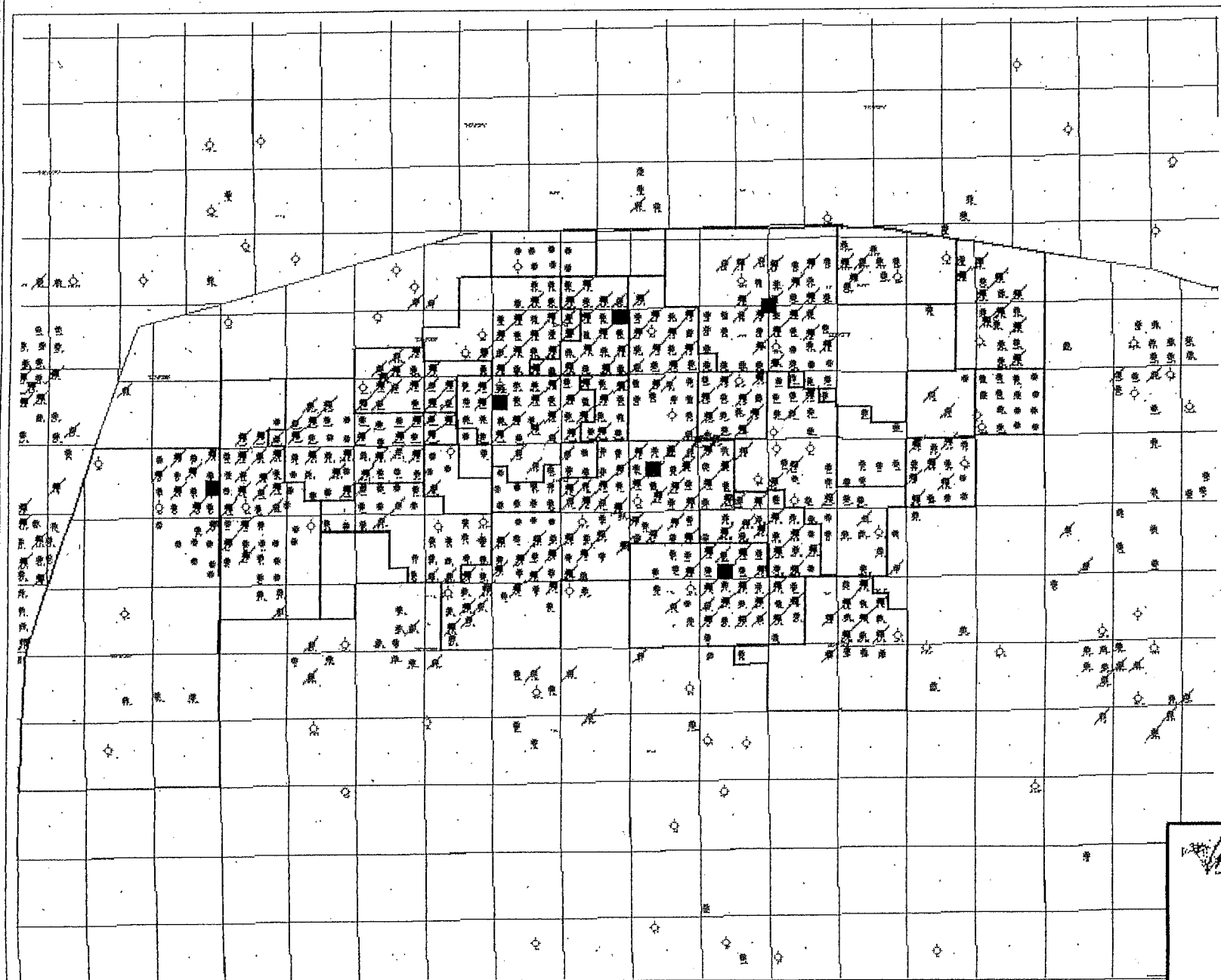
- Existing Road
- Proposed Access
- Existing Pipeline
- Proposed Pipeline

TOPOGRAPHIC MAP

**"C"**








■ Heckler Estates  
 Wet Categories  
 \* OIL  
 ◇ DRY  
 ✕ SHUT-IN  
 □ Units



Exhibit "A"


 110 1/2" Base, 500' 500'  
 Project: 10/1/81 to 11/1/81  
 Phone: (801) 825 1022

Uinta Basin  
 UTAH  
 Duchesne & Tropic Counties, UT

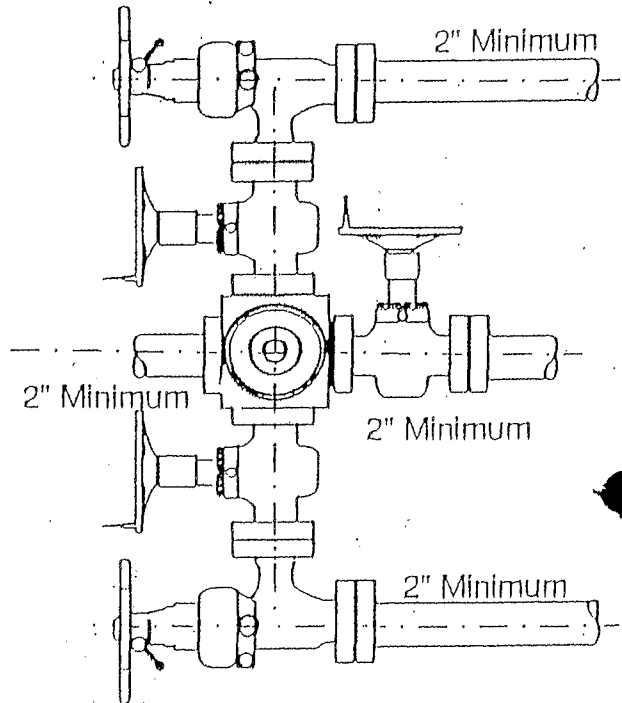
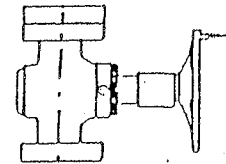
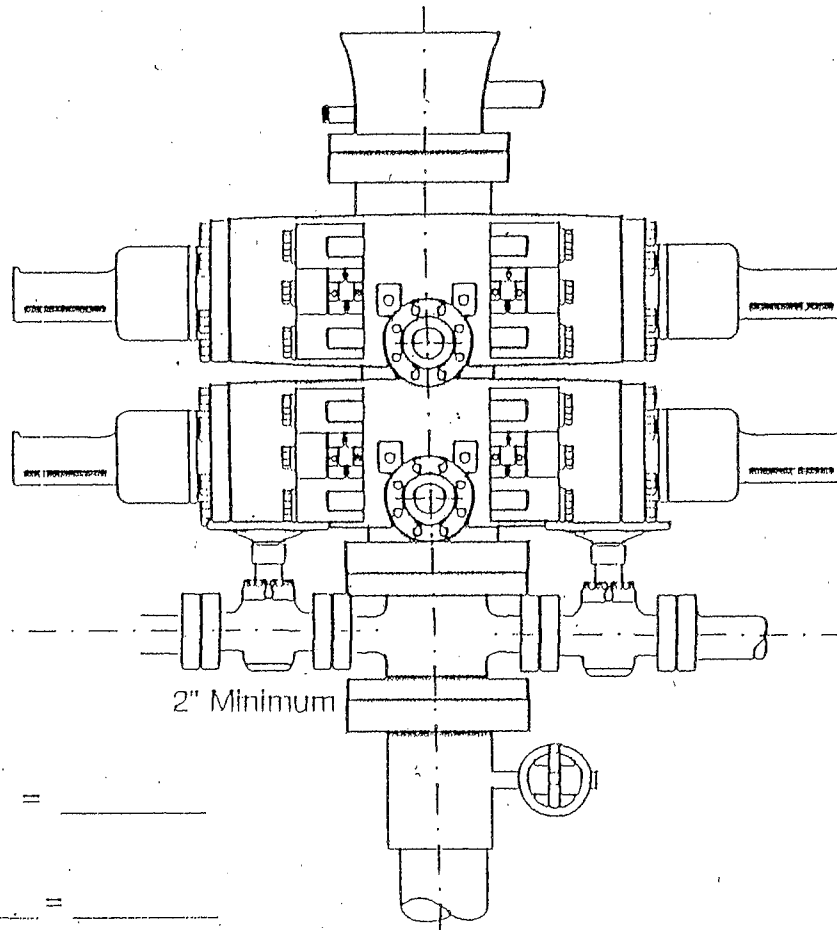
10/1/81  
 L. J. Cooper

1 1/2" = 1 mile

# 2-M SYSTEM

## EXHIBIT "C"

RAM TYPE B.O.P.  
 Make:  
 Size:  
 Model:



GAL TO CLOSE  
 Annular BOP = \_\_\_\_\_  
 Ramtype BOP  
 \_\_\_\_\_ Rams x \_\_\_\_\_ = \_\_\_\_\_  
 = \_\_\_\_\_ Gal.  
 \_\_\_\_\_ x 2 = \_\_\_\_\_ Total Gal.

Rounding off to the next higher  
 increment of 10 gal. would require  
 \_\_\_\_\_ Gal. (total fluid & nitro volume)

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/06/2001

API NO. ASSIGNED: 43-013-32328

WELL NAME: WEST POINT 14-5-9-16

OPERATOR: INLAND PRODUCTION ( N5160 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

**PROPOSED LOCATION:**

SESW 05 090S 160E

SURFACE: 0660 FSL 1980 FWL

BOTTOM: 0660 FSL 1980 FWL

DUCHESNE

MONUMENT BUTTE ( 105 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-73087

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

**RECEIVED AND/OR REVIEWED:**

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 4488944 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. MUNICIPAL )

☒ RDCC Review (Y/N)

(Date: )

☒ Fee Surf Agreement (Y/N)

**LOCATION AND SITING:**

\_\_\_ R649-2-3. Unit WEST POINT (GR)

\_\_\_ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

\_\_\_ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 231-2

Eff Date: 5-14-98

Siting: \*Suspend Gen Siting

\_\_\_ R649-3-11. Directional Drill

**COMMENTS:**

Mon. Butte Field SOP, separate file.

**STIPULATIONS:**

1-Fed. Approval







# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

December 7, 2001

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2001 Plan of Development West Point Unit  
Duchesne County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following well is planned for calendar year 2001 within the West Point Unit, Duchesne County, Utah.

(Proposed PZ Green River)

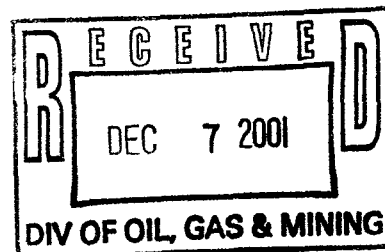
43-013-32328 West Point 14-5-9-16 Sec. 5, T9S, R16E 0660 FSL 1950 FWL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - West Point Unit  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:12-7-01





# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

December 10, 2001

Inland Production Company  
Rt 3 Box 3630  
Myton, UT 84052

Re: West Point 14-5-9-16 Well, 660' FSL, 1980' FWL, SE SW, Sec. 5, T. 9 South, R. 16 East,  
Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32328.

Sincerely,

John R. Baza  
Associate Director

er

Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company

Well Name & Number West Point 14-5-9-16

API Number: 43-013-32328

Lease: UTU 73087

Location: SE SW      Sec. 5      T. 9 South      R. 16 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐

1b. TYPE OF WELL

OIL GAS SINGLE MULTIPLE  
WELL ☒ WELL ☐ OTHER ☐ ZONE ☒ ZONE ☐

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

Route #3 Box 3630, Myton, UT 84052

Phone: (435) 646-3721

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At Surface SE/SW 660' FSL 1980' FWL

At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 12.5 miles southwest of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE. FT. (Also to

Approx. 660' f/lse line & 660' f/unit line

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE. FT.

Approx. 1,417'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5840.7' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Monroe Cozins TITLE Permit Clerk DATE 12/5/01

(This space for Federal or State office use)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED Howard B. Cleavage TITLE Assistant Field Manager Mineral Resources DATE 01/30/2002

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DOGm

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: West Point 14-5-9-16

API Number: 43-013-32328

Lease Number: U - 73087

Location: SESW Sec. 05 T. 9S R. 16E

Agreement: West Point GR SR

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

### **CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

#### **DRILLING PROGRAM**

##### **Casing Program and Auxiliary Equipment**

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at  $\pm 1,066$  ft.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: WEST POINT 14-5-9-16

Api No. 43-013-32328 LEASE TYPE: FEDERAL

Section 05 Township 09S Range 16E County DUCHESNE

Drilling Contractor STUBBS RIG # 111

SPUDDED:

Date 06/24/02

Time 11:30 AM

How DRY

Drilling will commence

Reported by PAT WISENER

Telephone # 1-435-823-7468

Date 06/26/2002 Signed: CHD

02

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: INLAND PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3830  
MYTON, UT 84052

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					CO	SC	TP	RG	COUNTY		
A	99999	12419	43-013-32328	West Point #14-5-9-16	SE/SW	5	9S	16E	Duchesne	June 24, 2002	06/24/02

WELL 1 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					CO	SC	TP	RG	COUNTY		
A	99999	13269	43-013-32329	So Wells Draw #15-5-9-16	SW/SE	5	9S	16E	Duchesne	June 25, 2002	06/25/02

WELL 2 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					CO	SC	TP	RG	COUNTY		

WELL 3 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					CO	SC	TP	RG	COUNTY		

WELL 4 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					CO	SC	TP	RG	COUNTY		

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENTS section to explain why each Action Code was selected.

(3d3)

*Katherine S. Jones*  
Signature  
Production Clerk  
Date

Katherine S. Jones

June 29, 2002

Date

JUN-28-02 FRI 12:28 PM INLAND PRODUCTION CO FAX NO. 435 3031



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**660' FSL & 1980' FWL SE/SW Sec. 5, T9S, R16E**

5. Lease Designation and Serial No.

**# UTU-73087**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**# West Point**

8. Well Name and No.

**# 14-5-9-16**

9. API Well No.

**# 43-013-32328**

10. Field and Pool, or Exploratory Area

**# Monument Butte**

11. County or Parish, State

**# Duchesne, Utah.**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Weekly Status Report's**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**Weekly Status Report for the period of July 22 thru July 28.**

On July 26, 2002. MIRU Union # 14. Set equipment. Nipple up. Test BOP's, Choke manifold, Kelly, TIW. To 2,000 psi. Test 85/8" csgn to 1,500 psi. State office of DOGM & Vernal BLM was notified of the test. PU & MU bit # 1, MM & BHA. Tag cement @ 255'. Drill 77/8" hole with air mist to a depth of 2572'.

**RECEIVED**

**JUL 30 2002**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed

*Pat Wisener*  
Pat Wisener

Title

**Drilling Foreman**

Date

**07/29/2002**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## REPORT OF WATER ENCOUNTERED DURING DRILLING

Well name and number: West Point 14-5-9-16

API number: 43-013-32328

Well Location:      QQ se/sw      Section 5      Township 9s      Range 16e      County Duchesne

Well Operator: INLAND PRODUCTION COMPANY

Address: Route 3 Box 3630

Myton, Utah 84052

Phone: 435-646-3721

Drilling Contractor: Union Drilling

Address: Drawer 40

Buckhannon, WV 26201

Phone: 304-472-4610

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
1880'	1900'	14 Gals/Hour	(salty)

Formation Tops: Surface ( Uinta )

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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\_\_\_\_\_

RECEIVED  
DIVISION OF  
OIL, GAS AND MINING

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

YES

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 07/31/02

Name & Signature: Pat Wisener

Time: 10:00 AM

**Analytical Laboratory Report for:  
Inland Production****BJ Unichem  
Chemical Services**

UNICHEM Representative: Rick Crosby

**Production Water Analysis**

Listed below please find water analysis report from: West Point, 14-5-9-16

Lab Test No: 2002402506      Sample Date: 07/29/2002  
Specific Gravity: 1.019  
TDS: 27711  
pH: 10.30

Cations:	mg/L	as:
Calcium	40	(Ca <sup>++</sup> )
Magnesium	49	(Mg <sup>++</sup> )
Sodium	9269	(Na <sup>+</sup> )
Iron	3.00	(Fe <sup>++</sup> )
Manganese	0.40	(Mn <sup>++</sup> )
Anions:	mg/L	as:
Bicarbonate	9150	(HCO <sub>3</sub> <sup>-</sup> )
Sulfate	0	(SO <sub>4</sub> <sup>-2</sup> )
Chloride	9200	(Cl <sup>-</sup> )
Gases:		
Carbon Dioxide		(CO <sub>2</sub> )
Hydrogen Sulfide	1	(H <sub>2</sub> S)

Lab Comments:  
Depth=1880 ft

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-73087**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**West Point**

8. Well Name and No.

**14-5-9-16**

9. API Well No.

**43-013-32328**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTA**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**660 FSL 1980 FWL SE/SW Section 5, T9S R16E**

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other

**Weekly Status Report**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**Weekly Status Report for the period of 7/29/02 thru 8/4/02**

Drill 77/8" hole air mist to a depth of 3710'. Drill 77/8" hole with water based mud to a depth of 4359'. PU & MU bit # 2, MM, & BHA drill 77/8" hole with water based mud to a depth of 5950'. Lay down drill string. Open hole log. PU & MU Guide shoe 1 jt 5 1/2" csg, Float collar & 132 jt's J-55 15.5# 5 1/2" csgn. Set @ 5917' KB. Cement with 450\* sks 50/50 POZ w/ 2 % KCL 1/4 #sk Cello -Flake, 2 % Gel, .3 % SMS, .05# sk Static free, Mixed @ 14.4 PPG>1.24 YLD. Then 275\* sks Premlite 11 w/ 3 % KCL, 3# sk Kolseal, 10% Gel. 1/4# sk Cello - Flake. Mixed @ 11.0 PPG> 3.43 . Good returns thru job with 10 of 20 dye water to pit. Set csgn slips with 75,000# tension. Nipple down BOPs. Release rig @ 12.00 am on 8/2/02.

**RECEIVED**

**AUG 6 2002**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed Ray Herrera Title Drilling/Completion Foreman Date 8/4/02  
Ray Herrera

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5917.21

Flt cllr @ 5894'

LAST CASING 8 5/8" SET AT 311.36  
 DATUM 10' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 5950' LOGGER 5922'  
 HOLE SIZE 7 7/8"

OPERATOR Inland Production Company  
 WELL West Point 14-5-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Union # 14

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					12.4
		6' Flag Jt @ 4212'					
132	5 1/2"	Newport LT & C casing	15.5#	J-55	8rd	A	5898.84
		Float collar					0.6
1	5 1/2"	Newport LT&C csg	15.5#	J-55	8rd	A	20.77
		<b>GUIDE</b> shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	5919.61
TOTAL LENGTH OF STRING	5919.61	133	LESS CUT OFF PIECE	12.4
LESS NON CSG. ITEMS	13.65		PLUS DATUM TO T/CUT OFF CSG	10
PLUS FULL JTS. LEFT OUT	90.02	2	CASING SET DEPTH	<b>5917.21</b>
TOTAL	<b>6009.63</b>	133	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	6009.72	133		
TIMING	1ST STAGE			
BEGIN RUN CSG.	4:00pm		GOOD CIRC THRU JOB	YES
CSG. IN HOLE	7:30 PM		Bbls CMT CIRC TO SURFACE	10 of 20 dye water to pit
BEGIN CIRC	8:05 PM	8:55pm	RECIPROCATED PIPE FOR	THRU 6' STROKE
BEGIN PUMP CMT	8:13 PM	8:57pm	DID BACK PRES. VALVE HOLD ?	Yes
BEGIN DSPL. CMT	8:59pm		BUMPED PLUG TO	1444 PSI
PLUG DOWN	<b>8:24pm</b>			

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	275	Prem-lite II w/ 10% gel + 3 % KCL, 3#s /sk CSE+ 2# sk/kolseal + 1/4#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	450	50/50 poz W/ 2% Gel + 3% KCL, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

COMPANY REPRESENTATIVE Ray Herrera DATE 8/1/02

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**660 FSL 1980 FWL SE/SW Section 5, T9S R16E**

5. Lease Designation and Serial No.

**UTU-73087**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**WEST POINT (GR RVR)**

8. Well Name and No.

**WEST POINT 14-5-9-16**

9. API Well No.

**43-013-32328**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Weekly status

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Status report for time period 8/12/02 through 8/18/02.

Subject well had completion procedures initiated in the Green River formation on 8/13/02 without use of a service rig over the well. A cement bond log was ran and 4 Green River intervals were perforated and hydraulically fracture treated down casing using composite flow-through frac plugs between stages. Fracs were flowed back through chokes. A service rig was moved on well on 8/15/02. Bridge plugs were drilled out and well was cleaned out to PBTD. Zones were swab tested for sand cleanup. Production tbg was ran & anchored in well. A repaired rod pump and rod string was ran in well. Well began producing via rod pump on - 8/17/02 @ 7:00pm

**RECEIVED**

**AUG 20 2002**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed

*Pat Wign*  
Gary Dietz Pat Wign

Title

Completion Foreman

Date

08/18/2002

CC: UTAH DOGM

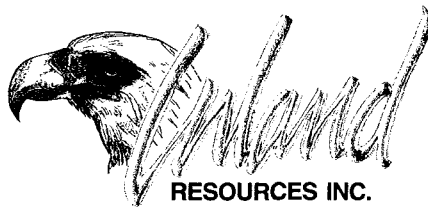
(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



September 17, 2002

State of Utah, Division of Oil, Gas and Mining  
Attn: Ms. Carol Daneils  
P.O. Box 145801  
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daneils

West Point #14-5-9-16 (43-013-32328)  
West Point #15-5-9-16 (43-013-32329)  
Duchesne County, UT

Dear Ms. Carol Daneils

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4). We are no longer sending Log copies since Dave Jull of Phoenix Surveys is already doing so.

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,

Brian Harris  
Engineering Tech

Enclosures

cc: Bureau of Land Management  
Vernal District Office, Division of Minerals  
Attn: Edwin I. Forsman  
170 South 500 East  
Vernal, Utah 84078

Well File – Denver  
Well File – Roosevelt  
Patsy Barreau/Denver  
Bob Jewett/Denver  
Tara Eisler/Denver

RECEIVED  
SEP 19 2002  
BUREAU OF  
LAND MANAGEMENT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

## 1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

## 1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other \_\_\_\_\_

## 2. NAME OF OPERATOR

INLAND RESOURCES INC.

## 3. ADDRESS AND TELEPHONE NO.

410 17th St. Suite 700 Denver, CO 80202

## 4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface 660' FSL &amp; 1980' FWL (SESW) Sec. 5 T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-32328

DATE ISSUED

12/10/01

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

6/25/02

16. DATE T.D. REACHED

8/01/02

17. DATE COMPL. (Ready to prod.)

8/17/02

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5841' GL

19. ELEV. CASINGHEAD

5851' KB

20. TOTAL DEPTH, MD &amp; TVD

5950' KB

21. PLUG BACK T.D., MD &amp; TVD

5859' KB

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY  
----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Green River 4391'-5733'

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

12-26-02 DIGI/SP/CDL/GR/Cal -9-13-02

27. WAS WELL CORED

No

## 23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	311.36'	12-1/4"	To surface with 150 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5928.86'	7-7/8"	300 sx Premite II and 550 sx 50/50 Poz	

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

## 30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @	TA @
	5576'	5377'

## 31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(LODC, CP1) 5727-5733', 5493-5496'		
5485-5487', 5470-5482', 5396-5408'	.038"	4/140
(B2, A0.5) 5252-5257', 5236-5249'		
5137-5140', 5116-5123'	.038"	4/112
(D,C) 5002-5017', 4959-4963'		
4888-4891', 4843-4846'	.038"	4/112
(GB6) 4391-4396'	.038"	4/20

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5396'-5733'	Frac w/ 147,942# 20/40 sand in 1008 bbl fluid
5116'-5257'	Frac w/ 99,751# 20/40 sand in 707 bbl fluid
4820'-5017'	Frac w/ 79,058# 20/40 sand in 582 bbl fluid
4391'-4396'	Frac w/ 25,395# 20/40 sand in 257 bbl fluid

33.\*

## PRODUCTION

DATE FIRST PRODUCTION 8/17/02	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC Pump	WELL STATUS (Producing or shut-in) PRODUCING
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE
	PROD'N. FOR TEST PERIOD -->	OIL--BBL. 73
	GAS--MCF. 121	WATER--BBL. 30
		GAS-OIL RATIO 1658
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE -->
	OIL--BBL.	GAS--MCF.
		WATER--BBL.
		OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold &amp; Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Brian Harris

TITLE

Engineering Technician

DATE

BDH

\*(See Instructions and Spaces for Additional Data on Reverse Side)



37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	TOP MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name <u>West Point #14-5-9-16</u>	Garden Gulch Mkr Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)	3562' 4137' 4399' 4657' 4691' 4820' 5044' 5157' 5692' 5950'	

December 17, 2002

State of Utah, Division of Oil, Gas and Mining  
Attn: Ms. Carol Daniels  
P.O. Box 145801  
Salt Lake City, Utah 84144-5801

*TOGS R16E SEC-05  
API # 43-013-39378*

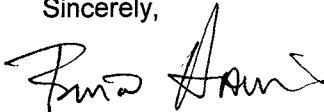
Carol,

I know that you have been waiting patiently for the logs on the West Point #14-5-9-16. I have contacted the logging company and didn't get any response for these logs, so I am sending you a copy from our files. *Added with log files*

I am sorry for the delay and hope that this doesn't happen again.

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,



Brian Harris  
Engineering Tech

RECEIVED

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**660 FSL 1980 FWL SE/SW Section 5, T9S R16E**

5. Lease Designation and Serial No.

**UTU-73087**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**WEST POINT (GR RVR)**

8. Well Name and No.

**WEST POINT 14-5-9-16**

9. API Well No.

**43-013-32328**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☒ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Signed

*Mandie Crozier*  
Mandie Crozier

Title

**Regulatory Specialist**

Date

**11/13/2003**

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

NOV 17 2003

UTAH DIVISION OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
JAN 20 2005

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
Newfield Production Company

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone No. (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
660 FSL 1980 FWL  
SW/SE Section 5 T9S R16E

5. Lease Serial No.

UTU73087

6. Indian Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

WEST POINT UNIT

8. Well Name and No.

WEST POINT 14-5-9-16

9. API Well No.

4301332328

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Gas blow down line
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Liquid blow down line exists from the gas sales line to the water tank on the subject well. The line is from a point downstream of the gas meter to the water dump line on the treater. Drip liquid approximately 98% water is drained from the sales line to the water tank through this line. To ensure produced gas is measured, Newfield intends to seal the isolation valve on the water tank in the open position. A position change with the isolation valve will be documented in the wells seal records.

COPIES TO OPERATOR  
3-3-05  
CHD

I hereby certify that the foregoing is true and correct  
Name (Printed/ Typed)  
Brent Cook

Title  
Production Foreman

Signature  
Brent Cook

Date  
1/18/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by  
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Accepted by the  
Utah Division of  
Office Oil, Gas and Mining

Title

Date

Office

Federal Approval Of This  
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

By:

(Instructions on reverse)





6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005  
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73087
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> WEST POINT 14-5-9-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0660 FSL 1980 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 05 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013323280000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/12/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The subject well has been converted from a producing oil well to an injection well on 01/10/2012. On 01/11/2012 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/12/2012 the casing was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.</p>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto		<b>PHONE NUMBER</b> 435 646-4874
<b>SIGNATURE</b> N/A		<b>TITLE</b> Water Services Technician
<b>DATE</b> 1/18/2012		<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> January 23, 2012 <b>Date:</b> _____ <b>By:</b> _____

# Mechanical Integrity Test Casing or Annulus Pressure Test

**Newfield Production Company**

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 1/12/2012 Time 11:30 A (am) pmTest Conducted by: DAVE CLOWARD

Others Present: \_\_\_\_\_

Well: WEST POINT 14-5-9-16Field: WEST POINT UT487538XWell Location: WEST POINT 14-5-9-16Duchesne County, UTAH

API No:

SE/SW SEC. 5, T9S, R16E43-013-32328

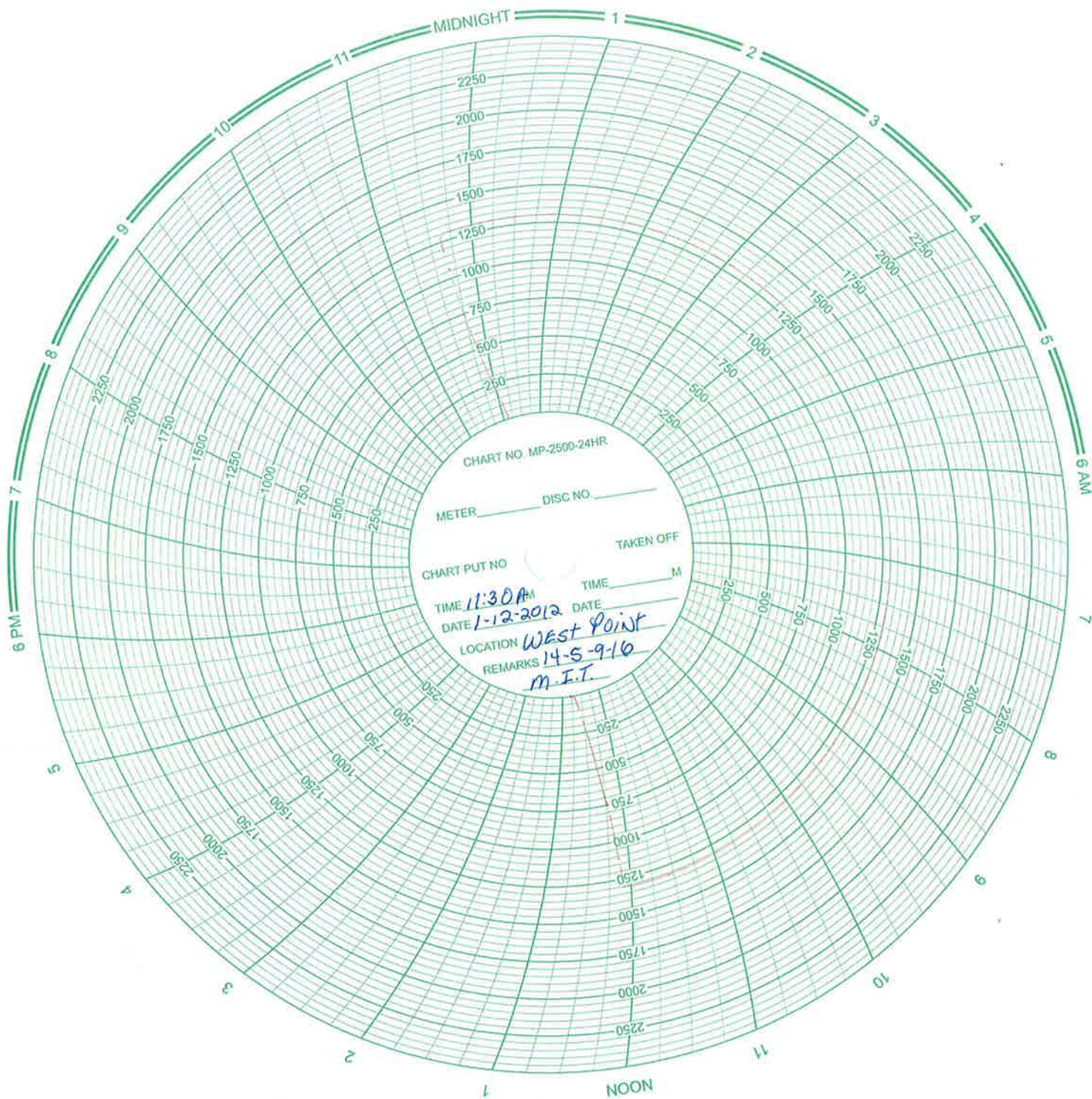
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1300</u>	psig
5	<u>1300</u>	psig
10	<u>1300</u>	psig
15	<u>1300</u>	psig
20	<u>1300</u>	psig
25	<u>1300</u>	psig
30 min	<u>1300</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psigResult: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: David Cloward





## Daily Activity Report

Format For Sundry

W POINT 14-5-9-16

11/1/2011 To 3/29/2012

**1/6/2012 Day: 1**

**Conversion**

WWS #3 on 1/6/2012 - MIRU WWS#3. Flush rods. Pressure test. LD 80 rods. - MIRU Western rig #3. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 16 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD 80 3/4" gudied rods. SIFN. - MIRU Western rig #3. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 16 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD 80 3/4" gudied rods. SIFN. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** (\$70,542)

---

**1/9/2012 Day: 2**

**Conversion**

WWS #3 on 1/9/2012 - Continue LD rods. TIH w/ B&S. - Open well w/ 0 psi on casing. Continue LD rods. Flushed 5 times LD rods (105 bbls ttl) well is full but 10% returns. RD well head. Release TA. TOOH w/ tbg breaking & doping every connection. Dragging on TOOH. TIH w/ 4-3/4" bit w/ scrapper. 100 jts in SIFN. - Open well w/ 0 psi on casing. Continue LD rods. Flushed 5 times LD rods (105 bbls ttl) well is full but 10% returns. RD well head. Release TA. TOOH w/ tbg breaking & doping every connection. Dragging on TOOH. TIH w/ 4-3/4" bit w/ scrapper. 100 jts in SIFN.

**Daily Cost:** \$0

**Cumulative Cost:** (\$63,523)

---

**1/10/2012 Day: 4**

**Conversion**

WWS #3 on 1/10/2012 - TIH w/ pkr. Set pkr. Test casing. RDMOSU. - Continue TIH w/ Bit & scrpr to tag fill @ 5743'. TOOH w/ B&S. RU bailer & TIH w/ tbg w/ 14 jt cavity. Bailed 20' of sand & fell through bridge. TIH w/ tbg to tag PBTD @ 5845'. TOOH w/ tbg. LD bailer. RU 5-1/2" x 2-1/2" Arrow Set 1 pkr w/ wireline entry guide, SN. TIH w/ tbg Breaking , doping & inspect every connection & doping w/ green teflon dope. 60 jts in SIFN. - Continue TIH w/ Bit & scrpr to tag fill @ 5743'. TOOH w/ B&S. RU bailer & TIH w/ tbg w/ 14 jt cavity. Bailed 20' of sand & fell through bridge. TIH w/ tbg to tag PBTD @ 5845'. TOOH w/ tbg. LD bailer. RU 5-1/2" x 2-1/2" Arrow Set 1 pkr w/ wireline entry guide, SN. TIH w/ tbg Breaking , doping & inspect every connection & doping w/ green teflon dope. 60 jts in SIFN. - Continue TIH w/ Bit & scrpr to tag fill @ 5743'. TOOH w/ B&S. RU bailer & TIH w/ tbg w/ 14 jt cavity. Bailed 20' of sand & fell through bridge. TIH w/ tbg to tag PBTD @ 5845'. TOOH w/ tbg. LD bailer. RU 5-1/2" x 2-1/2" Arrow Set 1 pkr w/ wireline entry guide, SN. TIH w/ tbg Breaking , doping & inspect every connection & doping w/ green teflon dope. 60 jts in SIFN. - Continue TIH w/ tbg breaking & doping pins (135 jts total). Pump 20 bbls water. Drop SV. Test tbg to 2900 psi (good). RU sand line & retrieve SV. RD BOP's. Pump 42 bbls of packer fluid. Set Arrow Set @ 4341' w/ CE @ 4356', SN @ 4351' & EOT @ 4360'. Test casing to 1400 psi. RDMOSU. Well ready for MIT. - Continue TIH w/ tbg breaking & doping pins (135 jts total). Pump 20 bbls water. Drop SV. Test tbg to 2900 psi (good). RU sand line & retrieve SV. RD BOP's. Pump 42 bbls of packer fluid. Set Arrow Set @ 4341' w/ CE @ 4356', SN @ 4351' & EOT @ 4360'. Test casing to 1400 psi. RDMOSU. Well ready for MIT. - Continue TIH w/ tbg breaking & doping pins (135 jts total). Pump 20 bbls water. Drop SV. Test tbg to 2900 psi (good). RU sand line &

retrieve SV. RD BOP's. Pump 42 bbls of packer fluid. Set Arrow Set @ 4341' w/ CE @ 4356', SN @ 4351' & EOT @ 4360'. Test casing to 1400 psi. RDMOSU. Well ready for MIT. - Continue TIH w/ Bit & scrpr to tag fill @ 5743'. TOOH w/ B&S. RU bailer & TIH w/ tbg w/ 14 jt cavity. Bailed 20' of sand & fell through bridge. TIH w/ tbg to tag PBTD @ 5845'. TOOH w/ tbg. LD bailer. RU 5-1/2" x 2-1/2" Arrow Set 1 pkr w/ wireline entry guide, SN. TIH w/ tbg Breaking , doping & inspect every connection & doping w/ green teflon dope. 60 jts in SIFN. - Continue TIH w/ tbg breaking & doping pins (135 jts total). Pump 20 bbls water. Drop SV. Test tbg to 2900 psi (good). RU sand line & retrieve SV. RD BOP's. Pump 42 bbls of packer fluid. Set Arrow Set @ 4341' w/ CE @ 4356', SN @ 4351' & EOT @ 4360'. Test casing to 1400 psi. RDMOSU. Well ready for MIT. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$16,963

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**1/17/2012 Day: 5**

**Conversion MIT**

Rigless on 1/17/2012 - Conduct MIT - On 01/11/2012 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/12/2012 the casing was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 01/11/2012 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/12/2012 the casing was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$42,283

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**Pertinent Files: Go to File List**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73087
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> WEST POINT 14-5-9-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0660 FSL 1980 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 05 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013323280000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/3/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Put On Injection"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The above reference well was put on injection at 9:30 AM on 02/03/2012.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> February 07, 2012		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/3/2012	





June 28, 2011

Mr. Mark Reinbold  
State of Utah  
Division of Oil, Gas and Mining  
1594 W North Temple  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
West Point #14-5-9-16  
Monument Butte Field, Lease #UTU-73087  
Section 5-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the West Point #14-5-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg  
Regulatory Lead

**RECEIVED**

**JUL 05 2011**

**DIV. OF OIL, GAS & MINING**

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**WEST POINT #14-5-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-73087**  
**JUNE 28, 2011**

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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: West Point #14-5-9-16  
Field or Unit name: Monument Butte (Green River) Lease No. UTU-73087  
Well Location: QQ SESW section 5 township 9S range 16E county Duchesne


Is this application for expansion of an existing project? ..... Yes [ X ] No [ ]  
Will the proposed well be used for: Enhanced Recovery? ..... Yes [ X ] No [ ]  
Disposal? ..... Yes [ ] No [ X ]  
Storage? ..... Yes [ ] No [ X ]  
Is this application for a new well to be drilled? ..... Yes [ ] No [ X ]  
If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes [ ] No [ X ]  
Date of test: \_\_\_\_\_  
API number: 43-013-32328

Proposed injection interval: from 4137 to 5906  
Proposed maximum injection: rate 500 bpd pressure 1967 psig  
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2  
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should  
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature   
Title Regulatory Lead Date 6/26/11  
Phone No. (303) 893-0102

(State use only)  
Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
Approval Date \_\_\_\_\_

Comments:

# West Point 14-5-9-16

Spud Date: 6/25/02  
Put on Production: 8/17/02

GL: 5840' KB: 5850'

## SURFACE CASING

CSG SIZE 8-5/8"  
GRADE J-55  
WEIGHT 24#  
LENGTH 7 jts (303.36')  
DEPTH LANDED 311 36' KB  
HOLE SIZE 12-1/4"  
CEMENT DATA 150 sxs Class "G" cmt, est 5 bbls cmt to surf

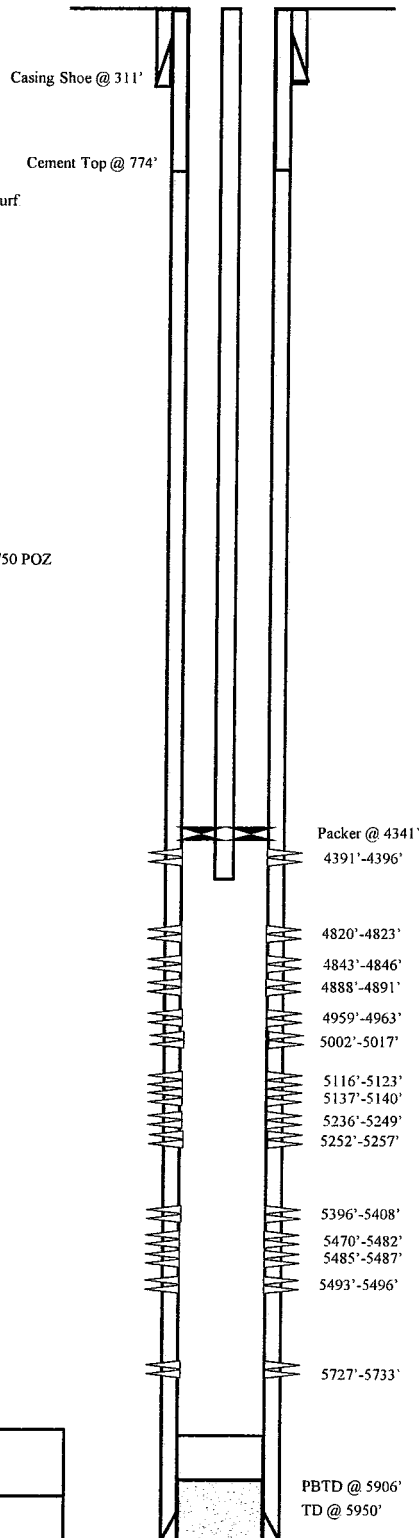
## PRODUCTION CASING

CSG SIZE 5-1/2"  
GRADE J-55  
WEIGHT 15.5#  
LENGTH 133 jts (5933.26')  
DEPTH LANDED 5928.86' KB  
HOLE SIZE 7-7/8"  
CEMENT DATA 300 sxs Prem Lite II mixed & 550 sxs 50/50 POZ  
CEMENT TOP AT 774' per CBL

## TUBING

SIZE/GRADE/WT. 2-7/8" / J-55  
NO OF JOINTS 166 jts (5347.34')  
TUBING ANCHOR 5357.34'  
NO. OF JOINTS 4 jts (129.41')  
SEATING NIPPLE 2-7/8" (1 10')  
SN LANDED AT 5489.50'  
NO OF JOINTS 2 jts (64.68')  
TOTAL STRING LENGTH EOT @ 5555.73'

## Proposed Injection Wellbore Diagram



Initial Production: 73 BOPD,  
121 MCFD, 30 BWPD

## FRAC JOB

8/14/02	5396'-5733'	<b>Frac LODC &amp; CP1 sand as follows:</b> 147,942# 20/40 sand in 1008 bbls Viking I-25 fluid. Treated @ avg press of 2000 psi w/avg rate of 28.3 BPM. ISIP 2900 psi. Calc flush 5396 gal. Actual flush. 5313 gal.
8/14/02	5116'-5257'	<b>Frac B2, A 0.5 sand as follows:</b> 99,751# 20/40 sand in 707 bbls Viking I-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 28.3 BPM. ISIP 2000 psi. Calc flush 5116 gal. Actual flush. 5040 gal.
8/14/02	4820'-5017'	<b>Frac D &amp; C sand as follows:</b> 79,058# 20/40 sand in 582 bbls Viking I-25 fluid. Treated @ avg press of 1900 psi w/avg rate of 28 BPM. ISIP 2100 psi. Calc flush 4820 gal. Actual flush. 4704 gal.
8/14/02	4391'-4396'	<b>Frac GB6 sand as follows:</b> 25,395# 20/40 sand in 257 bbls Viking I-25 fluid. Treated @ avg press of 2650 psi w/avg rate of 24 BPM. ISIP 2280 psi. Calc flush 4391 gal. Actual flush. 4284 gal.
8/10/07		Stuck pump. Updated rod & tubing detail
7/17/08		Pump change. Updated rod and tubing detail

## PERFORATION RECORD

8/13/02	5727'-5733'	4 JSPF	24 holes
8/13/02	5493'-5496'	4 JSPF	12 holes
8/13/02	5485'-5487'	4 JSPF	08 holes
8/13/02	5470'-5482'	4 JSPF	48 holes
8/13/02	5396'-5408'	4 JSPF	48 holes
8/14/02	5252'-5257'	4 JSPF	20 holes
8/14/02	5236'-5249'	4 JSPF	52 holes
8/14/02	5137'-5140'	4 JSPF	12 holes
8/14/02	5116'-5123'	4 JSPF	28 holes
8/14/02	5002'-5017'	4 JSPF	60 holes
8/14/02	4959'-4963'	4 JSPF	16 holes
8/14/02	4888'-4891'	4 JSPF	12 holes
8/14/02	4843'-4846'	4 JSPF	12 holes
8/14/02	4820'-4823'	4 JSPF	12 holes
8/14/02	4391'-4396'	4 JSPF	20 holes

**NEWFIELD**

**West Point #14-5-9-16**

660' FSL & 1980' FWL

SESW Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-32328; Lease #UTU-73087

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**
  - 2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202
  - 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.
  - 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the West Point #14-5-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.
  - 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.
  - 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the West Point #14-5-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (4137' - 5906'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3807' and the TD is at 5950'.
  - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the West Point #14-5-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-73087) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.



**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 311' KB, and 5-1/2", 15.5# casing run from surface to 5929' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1967 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the West Point #14-5-9-16, for existing perforations (4391' - 5733') calculates at 0.82 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1967 psig. We may add additional perforations between 3807' and 5950'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the West Point #14-5-9-16, the proposed injection zone (4137' - 5906') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-16.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

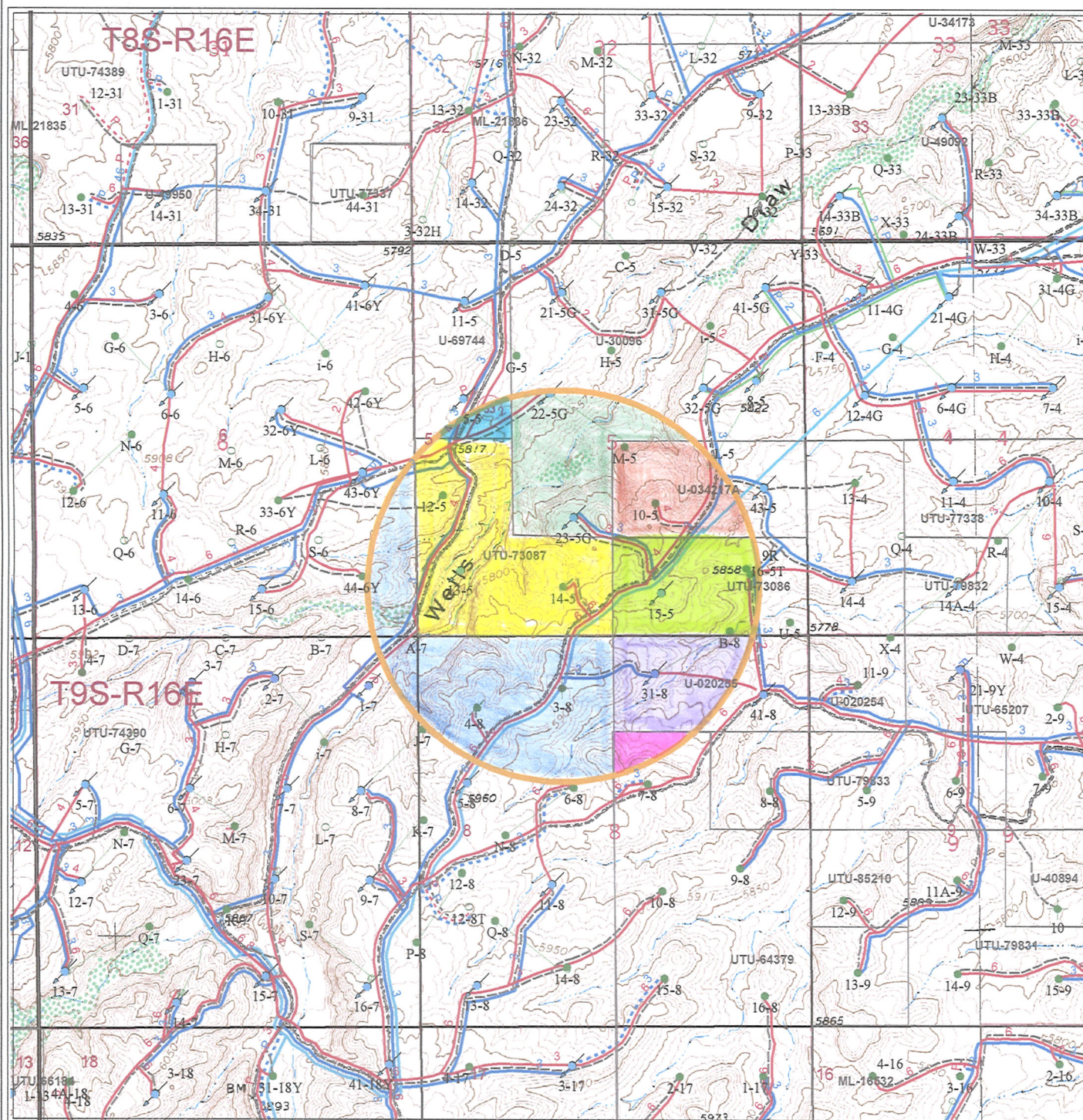
- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.













- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.











**Well Status**

-  Location
-  CTI
-  Surface Spud
-  Drilling
-  Waiting on Completion
-  Producing Oil Well
-  Producing Gas Well
-  Water Injection Well
-  Dry Hole
-  Temporarily Abandoned
-  Plugged & Abandoned
-  Shut In


**Countyline**

-  14\_5\_9\_16\_Buffer


**Injection system**

-  high pressure
-  low pressure
-  proposed
-  return
-  return proposed



**Leases**

-  Leases

**Mining tracts**

-  Mining tracts

**Gas Pipelines**

-  Gathering lines
-  Proposed lines

West Point 14-5  
Section 5, T9S-R16E

**NEWFIELD**  
  
**ROCKY MOUNTAINS**

## 1/2 Mile Radius Map

### Duchesne & Uintah Counties

1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

January 17, 2011

UTU -  
73087

UTU-  
30096

UTU-  
69744

UTU -  
74390

UTU-  
64379

UTU-  
020255

UTU-  
73086

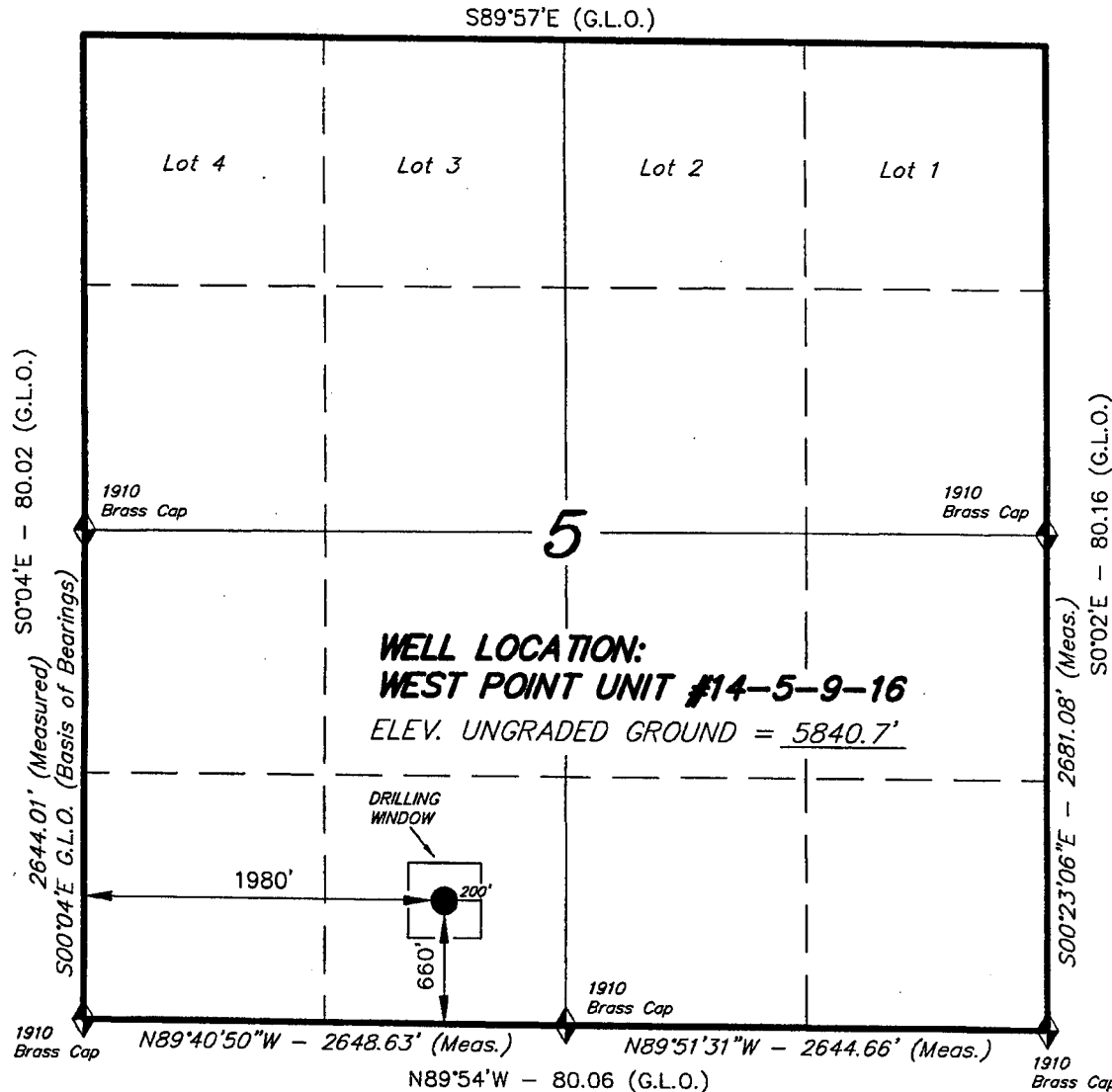
UTU-  
034217A



T9S, R16E, S.L.B.&amp;M.

INLAND PRODUCTION COMPANY

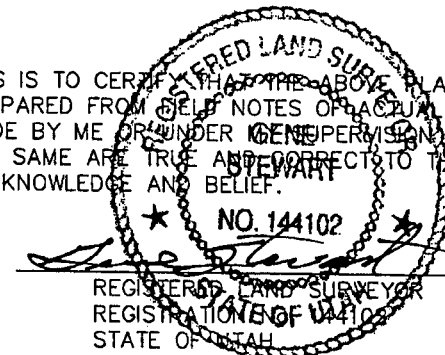
WELL LOCATION, WEST POINT UNIT  
#14-5-9-16, LOCATED AS SHOWN IN  
THE SE 1/4 SW 1/4 OF SECTION 5, T9S,  
R16E, S.L.B.&M. DUCHESNE COUNTY,  
UTAH.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING &amp; CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078

(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: L.D.T. K.G.S.

DATE: 10-25-01

WEATHER: WARM

NOTES:

FILE #

## EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>T9S,R16E SLM</u> Section 5: W2SW, SESW	USA UTU-73087 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>T9S,R16E SLM</u> Section 4: Lots 1-4 (N2N2), S2N2 Section 5: Lots 1-3 (N2NE, NENW), S2NE, SENW, NESW	USA UTU-30096 HBP	Newfield Production Company Newfield RMI LLC	USA
3	<u>T9S,R16E SLM</u> Section 5: SWNW	USA UTU-69744 HBP	Newfield Production Company Newfield RMI LLC H.C. Buie James Fischer Z. Greenburg Trust Michael D. Lewis Thomas K. Lowe Ralph Massad Estate Margaret Merritt Ray B. Powers, Jr.	USA
4	<u>T9S,R16E SLM</u> Section 6: All Section 7: All Section 8: W2 Section 17: NW Section 18: Lots 1-2 (W2NW), E2NW, NE	USA UTU-74390 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation MYCO Industries, Inc.	USA

## EXHIBIT B


#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
5	<u>T9S,R16E SLM</u> Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: Lots 3-4 (W2SW), E2SW, SE Section 19: Lots 1-2 (W2NW), E2NW, NE Section 21: N2 Section 22: NW, NWNE, S2NE	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation	USA
6	<u>T9S,R16E SLM</u> Section 8: N2NE	USA UTU-020255 HBP	Newfield Production Company Newfield RMI LLC	USA
7	<u>T9S,R16E SLM</u> Section 4: W2SW Section 5: S2SE	USA UTU-73086 HBP	Newfield Production Company Newfield RMI LLC	USA
8	<u>T9S,R16E SLM</u> Section 5: N2SE	USA UTU-034217A HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

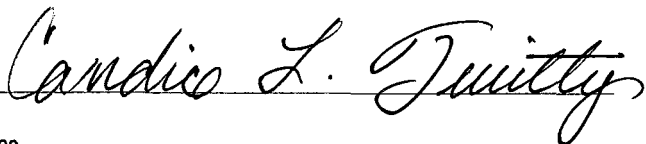
CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
West Point #14-5-9-16

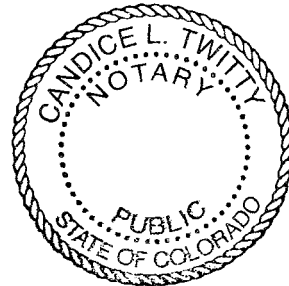
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 26<sup>th</sup> day of June, 2011.

Notary Public in and for the State of Colorado: 

My Commission Expires: My Commission Expires  
02/10/2013



## West Point 14-5-9-16

Spud Date: 6/25/02  
Put on Production: 8/17/02

GL: 5840' KB: 5850'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (303.36')  
DEPTH LANDED: 311.36' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA 150 sxs Class "G" cmt, est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 133 jts (5933.26')  
DEPTH LANDED: 5928.86' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA 300 sxs Prem Lite II mixed & 550 sxs 50/50 POZ  
CEMENT TOP AT: 774' per CBL

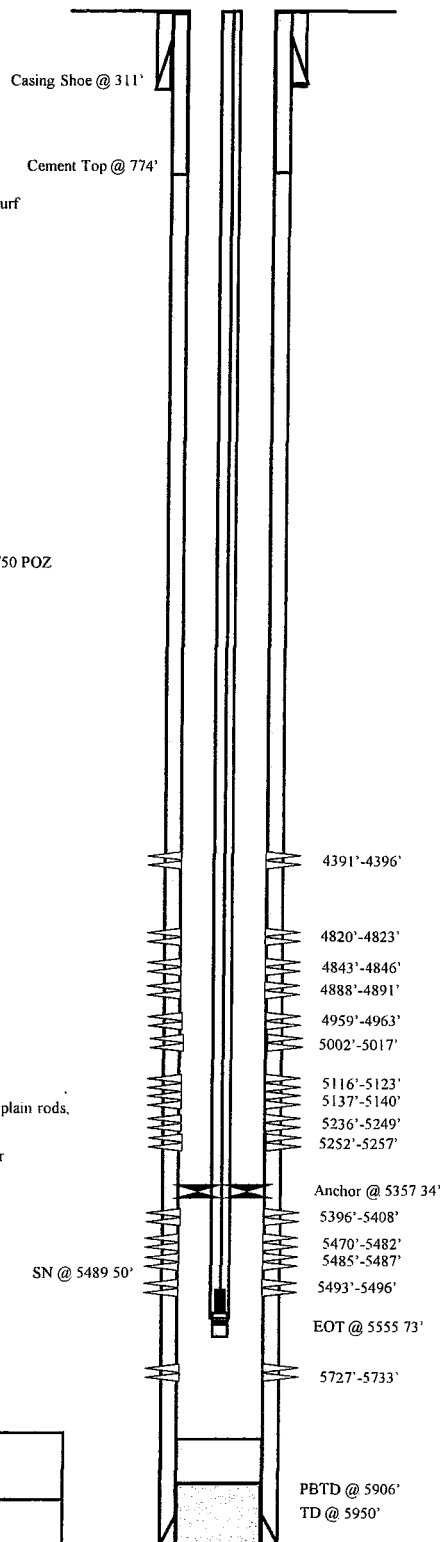
TUBING

SIZE/GRADE/WT: 2-7/8" / J-55  
NO OF JOINTS 166 jts (5347.34')  
TUBING ANCHOR 5357.34'  
NO OF JOINTS 4 jts (129.41')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5489.50'  
NO OF JOINTS 2 jts (64.68')  
TOTAL STRING LENGTH: EOT @ 5555.73'

SUCKER RODS

POLISHED ROD 1-1/2" x 26' polished rod  
SUCKER RODS: 1-4" x 3/4" pony, 99- 3/4" scraped rods, 92-3/4" plain rods,  
22- 3/4" scraped rods, 6- 1/2 weight rods  
PUMP SIZE Randy's 2-1/2" x 1-1/2" x 15" RHAC W/ sm Plunger  
STROKE LENGTH 76"  
PUMP SPEED, SPM 5 SPM

## Wellbore Diagram



Initial Production: 73 BOPD,  
121 MCFD, 30 BWPD

FRAC JOB

8/14/02 5396'-5733' **Frac LOBC & CPI sand as follows:**  
147,942# 20/40 sand in 1008 bbls Viking I-25 fluid. Treated @ avg press of 2000 psi w/avg rate of 28.3 BPM. ISIP 2900 psi. Calc flush: 5396 gal. Actual flush: 5313 gal

8/14/02 5116'-5257' **Frac B2, A 0.5 sand as follows:**  
99,751# 20/40 sand in 707 bbls Viking I-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 28.3 BPM. ISIP 2000 psi. Calc flush: 5116 gal. Actual flush: 5040 gal

8/14/02 4820'-5017' **Frac D & C sand as follows:**  
79,058# 20/40 sand in 582 bbls Viking I-25 fluid. Treated @ avg press of 1900 psi w/avg rate of 28 BPM. ISIP 2100 psi. Calc flush: 4820 gal. Actual flush: 4704 gal

8/14/02 4391'-4396' **Frac GB6 sand as follows:**  
25,395# 20/40 sand in 257 bbls Viking I-25 fluid. Treated @ avg press of 2650 psi w/avg rate of 24 BPM. ISIP 2280 psi. Calc flush: 4391 gal. Actual flush: 4284 gal

8/10/07 Stuck pump. Updated rod & tubing detail  
7/17/08 Pump change. Updated rod and tubing detail

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
8/13/02	5727'-5733'	4 JSPF	24 holes
8/13/02	5493'-5496'	4 JSPF	12 holes
8/13/02	5485'-5487'	4 JSPF	08 holes
8/13/02	5470'-5482'	4 JSPF	48 holes
8/13/02	5396'-5408'	4 JSPF	48 holes
8/14/02	5252'-5257'	4 JSPF	20 holes
8/14/02	5236'-5249'	4 JSPF	52 holes
8/14/02	5137'-5140'	4 JSPF	12 holes
8/14/02	5116'-5123'	4 JSPF	28 holes
8/14/02	5002'-5017'	4 JSPF	60 holes
8/14/02	4959'-4963'	4 JSPF	16 holes
8/14/02	4888'-4891'	4 JSPF	12 holes
8/14/02	4843'-4846'	4 JSPF	12 holes
8/14/02	4820'-4823'	4 JSPF	12 holes
8/14/02	4391'-4396'	4 JSPF	20 holes

NEWFIELD

West Point #14-5-9-16

660' FSL &amp; 1980' FWL

SESW Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-32328; Lease #UTU-73087



## West Point Fed #I-7-9-16

Spud Date: 4/23/08

Put on Production: 6/4/08

GL: 5911' KB: 5923'

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 10 jts (308.39')

DEPTH LANDED: 318.39'

HOLE SIZE: 12-1/4"

CEMENT DATA: To surface with 160 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 154 jts

DEPTH LANDED: 6342'

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sx Premilite II and 425 sx 50/50 Poz

CEMENT TOP AT: 74'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#

NO. OF JOINTS: 185 jts (5792.8')

TUBING ANCHOR: 5792.8' KB

NO. OF JOINTS: 1 jt (30.9')

SEATING NIPPLE: 2 7/8" (1.10')

SN LANDED AT: 5826.4' KB

NO. OF JOINTS: 2 jts (63.1')

TOTAL STRING LENGTH: EOT @ 5891'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod

SUCKER RODS: 2', 6', 8' x 7/8" pony rods, 228- 7/8" scraped rods, 4-1 1/2" weight rods

PUMP SIZE: CDI 2 1/2" x 1 3/4" x 16' x 20' RHAC pump w/am plunger

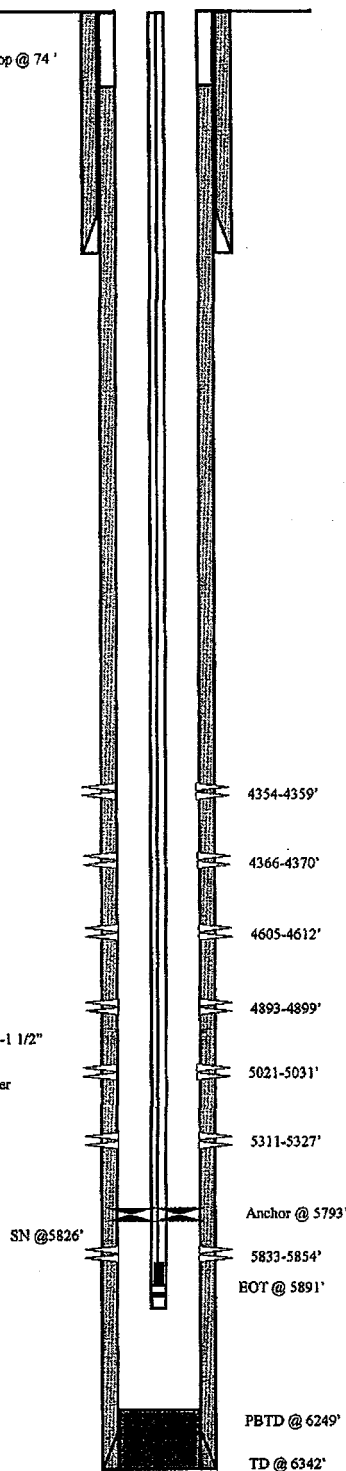
STROKE LENGTH: 124"

PUMP SPEED, SPM: 6

FRAC JOB5/29/08 5833-5854' Frac CP2 sds as follows:  
89,929# 20/40 sand in 710 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1557 psi @ ave rate of 26.2 BPM. ISIP 1932 psi.5/29/08 5311-5327' Frac A1 sds as follows:  
114,824# 20/40 sand in 849 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1718 psi @ ave rate of 26 BPM. ISIP 2230 psi.5/29/08 5021-5031' Frac C sds as follows:  
39,618# 20/40 sand in 402 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2103 psi @ ave rate of 23.2 BPM. ISIP 2228 psi.5/29/08 4893-4899' Frac D1 sds as follows:  
15,249# 20/40 sand in 270 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2218 psi @ ave rate of 23.3 BPM. ISIP 2058 psi.5/29/08 4605-4612' Frac PB10 sds as follows:  
24,969# 20/40 sand in 332 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2390 psi @ ave rate of 23.1 BPM. ISIP 2270 psi.5/29/08 4366-4370' Frac GB4 sds as follows:  
31,417# 20/40 sand in 374 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2111 psi @ ave rate of 23.2 BPM. ISIP 2070 psi.

8/12/2010

Pump Change. Changed rod and tubing details

PERFORATION RECORD

4354-4359'	4 JSPF	20 holes
4366-4370'	4 JSPF	16 holes
4605-4612'	4 JSPF	28 holes
4893-4899'	4 JSPF	24 holes
5021-5031'	4 JSPF	40 holes
5311-5327'	4 JSPF	64 holes
5833-5854'	4 JSPF	84 holes

NEWFIELD

West Point Fed #I-7-9-16  
551' FNL & 1910' FEL  
NW/NE Section 7-T9S-R16E  
Duchesne Co, Utah  
API #43-013-33710; Lease #UTU-74390

## West Point Federal #12-5-9-16

Spud Date: 10/23/00  
Put on Production: 1/23/01  
GL: 5815' KB: 5825'

Initial Production: 175 BOPD,  
145 MCFD, 17 BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 303'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 155 sxs Class "G" with additives.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
DEPTH LANDED: 5991'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 275 sx PremLite II with additives, followed by 580 sx 50/50 Pozmix.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 173 jts (5531.49')  
TUBING ANCHOR: 5541.49' KB  
NO. OF JOINTS: 1 jts (5544.27')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5575.59' KB  
NO. OF JOINTS: 1 jts (5576.69')  
TOTAL STRING LENGTH: EOT @ 5608.08'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 4-1 1/2" weight bars; 27-3/4" scraped rods; 105-3/4" plain,  
88-3/4" scraped rods, 1-2', 1-4', 1-6' x 3/4" pony rods.  
PUMP SIZE: 1-1/2" x 2-1/2" x 14' RHAC pump  
STROKE LENGTH: 52"  
PUMP SPEED, SPM: 4 SPM  
LOGS: DLL-MSFL, FDC-CNL

**NEWFIELD**

West Point #12-5-9-16  
1909' FSL & 377' FWL  
NW/SW Section 5-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31933; Lease #UTU-73087

FRAC JOB

1/24/01	5390'-5570'	<b>Frac LDC sands as follows:</b> 213,180# 20/40 sand in 1375 bbls Viking I-25 fluid. Treated w/ avg. press of 2700 psi @ 36.5 BPM. ISIP 2750 psi. Calc. flush: 5390 gal. Actual flush: 5355 gal.
1/25/01	5112'-5243'	<b>Frac A/B sands as follows:</b> 227,120# 20/40 sand in 1452 bbls Viking I-25 fluid. Treated w/ avg press of 1800 psi @ 31.2 BPM. ISIP 2120 psi. Calc. flush: 5112 gal. Actual flush: 5040 gal.
1/26/01	4882'-4988'	<b>Frac D/C sands as follows:</b> 83,000# 20/40 sand in 577 bbls Viking I-25 fluid. Treated w/ avg press of 1800 psi @ 30 BPM. ISIP 2135 psi. Calc. flush: 4882 gal. Actual flush: 4788 gal.
9/24/01		Pump change. Update rod and tubing details.
11/24/03		Pump Change. Update rod and tubing detail.
2/27/04		Tubing leak. Update rod and tubing detail.
12/22/04		Pump Change. Update rod and tubing details.

SN @ 5576'

4882'-4890'  
4978'-4988'  
5112'-5136'  
5226'-5243'

5390'-5395'

5451'-5457'  
5479'-5484'

5511'-5523'  
Anchor @ 5541'  
5551'-5570'

EOT @ 5608'

Top of Fill @ 5725'

PBTD @ 5980'

SHOE @ 5991'

TD @ 6000'

PERFORATION RECORD

1/23/01	5390'-5395'	20 holes
1/23/01	5451'-5457'	24 holes
1/23/01	5479'-5484'	20 holes
1/23/01	5511'-5523'	48 holes
1/23/01	5551'-5570'	76 holes
1/24/01	5226'-5243'	68 holes
1/24/01	5112'-5136'	96 holes
1/25/01	4978'-4988'	40 holes
1/25/01	4882'-4890'	32 holes

## West Point Federal #13-5-9-16

Spud Date: 11/06/00  
Put on Production: 1/22/01  
GL: 5775' KB: 5785'

Initial Production: 312 BOPD,  
291 MCFD, 39 BWPD

SURFACE CASING

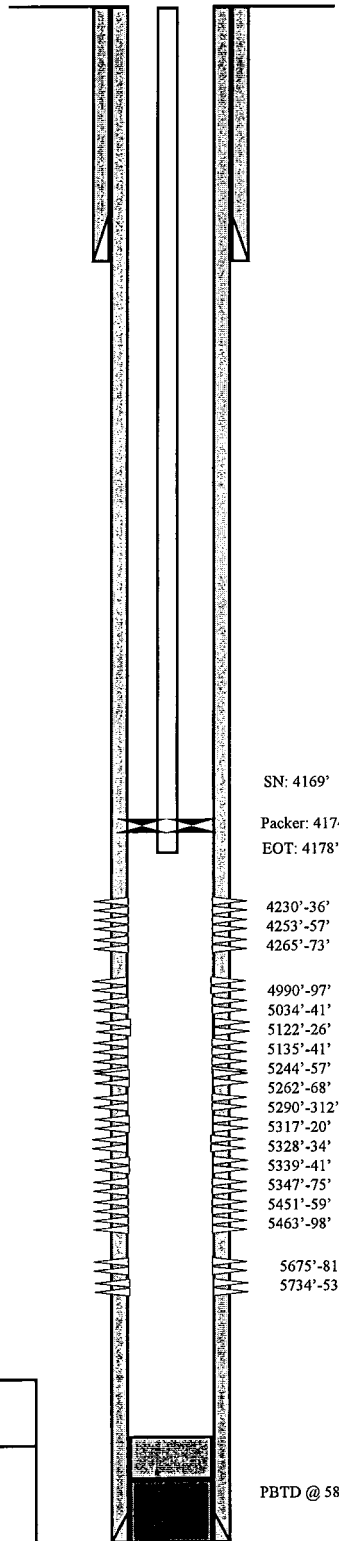
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 315'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 155 sxs Class "G".

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
DEPTH LANDED: 5935'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 275 sx Premilite II with additives; followed by 560 sx 50/50 Pozmix plus additives.

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5# / 8rd  
NO. OF JOINTS: 129 jts (4159.45)  
SEATING NIPPLE: 1.10'  
SN LANDED AT: 4169.45' KB  
TOTAL STRING LENGTH: EOT @ 4178.05'

Injection Wellbore  
DiagramFRAC JOB

1/12/01	5675'-5753'	Frac CP.5 & CP2 sands with 101,120# 20/40 sand in 699 bbls Viking I-25 fluid. Perfs broke back @ 3434 psi @ 4 BPM. Avg. pressure 2050 psi w/avg. rate of 29.9 BPM. ISIP 2330 psi. Left pressure on well.
1/12/01	5451'-5498'	Frac LODC1 sds w/194,620# of 20/40 sand in 1245 bbls Viking I-25 fluid. Perfs broke @ 4011 psi. Treated @ avg press of 2680 psi, w/avg rate of 37.8 BPM. ISIP 2440 psi. Left press on well.
1/15/01	5244'-5375'	Frac A3 & LODC2 sands with 24,000 gals of Viking I-25 pad & 49,316 gals of Viking I-25 fluid with 321,700# of 20/40 sand. Pressure 2640 psi max; 2400 psi avg at 36 BPM. ISIP 2650 psi.
1/15/01	4990'-5141'	Frac B1 & A5 sand with 16,170 gals of Viking I-25 fluid with 97,700# 20/40 sand. 2250 psi max pressure, with avg rate of 28 BPM. Note: had to SD 173 bbls into 6.5 ppg stage (277 bbls) for repairs. Down est. 8 min - resume treatment. Flowed back frac; start flow back @ 5 pm; end @ 7:45 pm, at rate of 1 BPM. 564 BLTR.
1/16/01	4230'-4273'	Frac GB4 sds w/74,000# 20/40 sand in 507 bbls Viking I-25 fluid. Perfs broke @ 4393 psi. Treated @ avg press of 2200 psi, w/avg rate of 26.7 BPM. ISIP 2600 psi. Start immed. flowback on 12/64" choke @ 1 BPM. Flowed 4 hrs & died. Rec. 220 BTF.
1/6/06		Well converted to an Injection well.
1/26/06		MIT completed and submitted.

PERFORATION RECORD

1/16/01	4230'-4236'	24 holes
1/16/01	4253'-4257'	16 holes
1/16/01	4265'-4273'	32 holes
1/15/01	4990'-4997'	28 holes
1/15/01	5034'-5041'	28 holes
1/15/01	5122'-5126'	16 holes
1/15/01	5135'-5141'	24 holes
1/12/01	5244'-5257'	52 holes
1/12/01	5262'-5268'	24 holes
1/12/01	5290'-5312'	88 holes
1/12/01	5317'-5320'	12 holes
1/12/01	5328'-5334'	24 holes
1/12/01	5339'-5341'	8 holes
1/12/01	5347'-5375'	112 holes
1/12/01	5451'-5459'	32 holes
1/12/01	5463'-5498'	140 holes
1/11/01	5675'-5681'	24 holes
1/11/01	5734'-5753'	76 holes



Newfield Produciton

West Point Federal #13-5-9-16  
887' FSL, 59.5' FWL  
SW/SW Section 5-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31766; Lease #UTU-73087

## West Point #6-8-9-16

Spud Date: 11/10/2001  
Put on Production: 12/18/2001

GL: 5886' KB: 5896'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (303.45')  
DEPTH LANDED: 311.45'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class "G" cmt, est 1 bbl cmt to surf.

**PRODUCTION CASING**

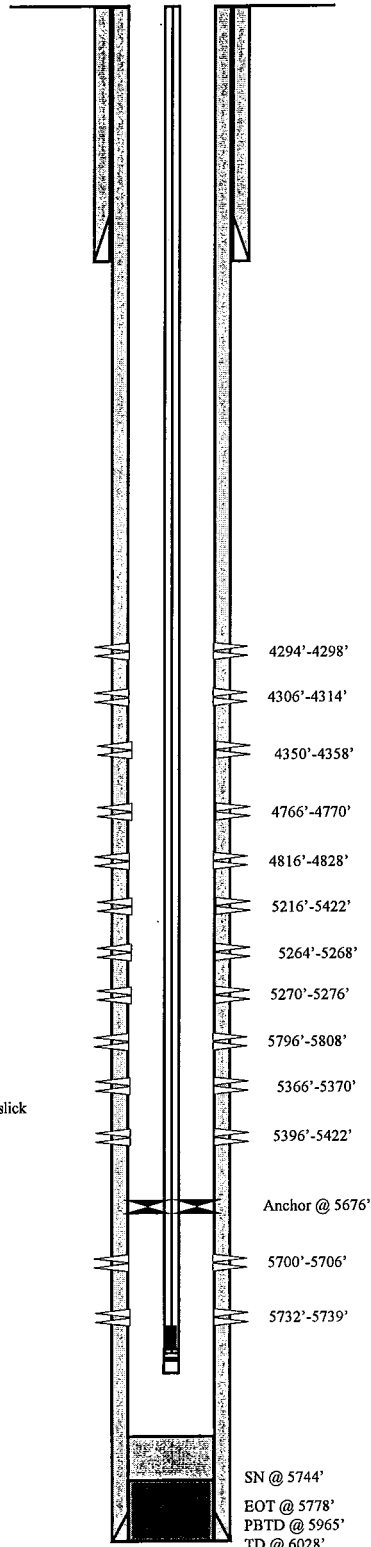
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts. (5999.71')  
DEPTH LANDED: 5997.21'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 95' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 174 jts (5666.64')  
TUBING ANCHOR: 5676.64'  
NO. OF JOINTS: 2 jts (65.16')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5744.60' KB  
NO. OF JOINTS: 1 jts (32.58')  
TOTAL STRING LENGTH: EOT @ 5778.73'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 4-1 1/2" weight bars; 10-3/4" scraped rods; 125-3/4" slick rods, 90-3/4" scraper rods, 1-4", 1-8" x 3/4" pony rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC  
STROKE LENGTH: 52"  
PUMP SPEED, SPM: 9 SPM  
LOGS: DIGL/SP/GR/CAL

**Wellbore Diagram**

Initial Production: 160 BOPD,  
253 MCFD, 45 BWPD

**FRAC JOB**

12/6/01 5700'-5739' **Frac CP sand as follows:**  
50,505# 20/40 sand in 433 bbls Viking I-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 25.7 BPM. ISIP 2150 psi. Calc. flush 5700 gal: Act. flush 5628 gal.

12/7/01 5216'-5422' **Frac LODC/A sand as follows:**  
163,131# 20/40 sand in 1100 bbls Viking I-25 fluid. Treated @ avg press of 2210 psi w/avg rate of 26 BPM. ISIP 2275 psi. Calc. flush 5216 gal: Act. flush 5145 gal. Flowed 9.5 hr. then died.

12/10/01 4766'-4828' **Frac D sand as follows:**  
64,699# 20/40 sand in 521 bbls Viking I-25 fluid. Treated @ avg press of 1775 psi w/avg rate of 25.6 BPM. ISIP 1900 psi. Calc. flush 4766 gal: Act. flush 4897 gal. Flowed 5.5 hr. then died.

12/11/01 4294'-4358' **Frac GB sand as follows:**  
83,741# 20/40 sand in 539 bbls Viking I-25 fluid. Treated @ avg press of 1850 psi w/avg rate of 25.6 BPM. ISIP 221 psi. Calc. flush 4294 gal: Act. flush 4200 gal. Flowed 8 hr. then died.

**PERFORATION RECORD**

Date	Interval	Tool	Holes
12/06/01	5732'-5739'	4 JSPF	28 holes
12/06/01	5700'-5706'	4 JSPF	24 holes
12/07/01	5396'-5422'	4 JSPF	104 holes
12/07/01	5366'-5370'	4 JSPF	16 holes
12/07/01	5270'-5276'	4 JSPF	24 holes
12/07/01	5264'-5268'	4 JSPF	16 holes
12/07/01	5216'-5222'	4 JSPF	24 holes
12/10/01	4816'-4828'	4 JSPF	48 holes
12/10/01	4766'-4770'	4 JSPF	16 holes
12/11/01	4350'-4358'	4 JSPF	32 holes
12/11/01	4306'-4314'	4 JSPF	32 holes
12/11/01	4294'-4298'	4 JSPF	16 holes



**West Point #6-8-9-16**  
2048' FNL & 2104' FWL  
SENW Section 8-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32282; Lease #UTU-74390

Spud Date: 2/20/200  
 Put on Production: P/A  
 GL: 5913' KB: 5923'

## West Point #3-8

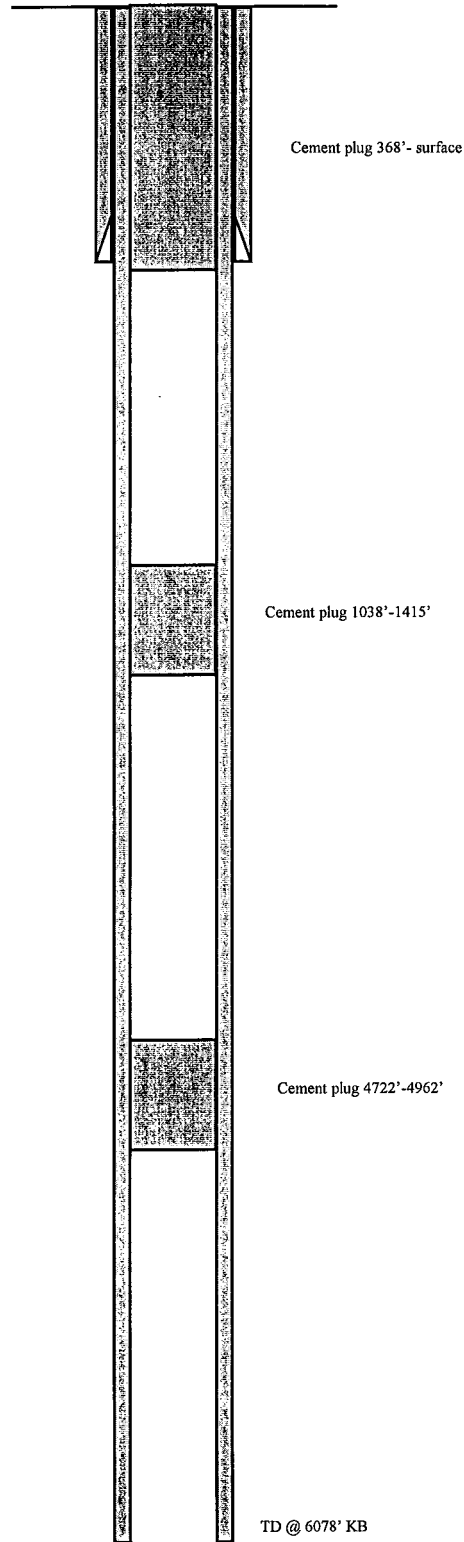
Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (306.36')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 145 sxs Class "G" cmt

PLUGGING PROCEDURE

Spot 93 sxs Class G cement across interval 4722'-4962'  
 Spot 150 sxs Class G cement across interval 1038'-1415'  
 Spot 127 sxs Class G cement across interval 368'-surface  
 Remove casing head, install plate style dry hole marker.



**West Point #3-8-9-16**  
 711' FNL & 1957' FWL  
 NENW Section 8-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32207; Lease #UTU-74390

BDH 4/12/01

## West Point 4-8-9-16

Spud Date: 2/28/2001  
Put on Production: 3/31/2001  
GL: 5938' KB: 5948'

Initial Production: 294 BOPD,  
272 MCFD, 74 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (293.39')  
DEPTH LANDED: 303.39'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 145 sxs Class "G" cmt,

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 145 jts. (6051.09')  
DEPTH LANDED: 6046.69'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 275 sk Prem. Lite II mixed & 475 sxs 50/50 POZ.  
CEMENT TOP: 70'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 177 jts. (5714.21')  
TUBING ANCHOR: 5724.78' KB  
NO. OF JOINTS: 2 jts. (66.36')  
SEATING NIPPLE: 2-3/8" (1.10')  
SN LANDED AT: 5792.13' KB  
NO. OF JOINTS: 2 jts. (65.63')  
TOTAL STRING LENGTH: EOT @ 5858.31 W/ 10' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-2' X 3/4" pony rods, 90- 3/4" scraped rods, 95- 3/4" plain rods, 40- 3/4" scraped rods, 6- 1 1/2" weight rods  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 15 1/2' RHAC  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 5

**FRAC JOB**

3/23/01 5753'-5832' **Frac CP sands as follows:**  
134,800# 20/40 sand in 909 bbls Viking 1-25 fluid. Treated @ avg press of 1800 psi w/ avg rate of 30 BPM. ISIP: 1970 psi. Calc. flush: 5753 gal. Actual flush: 5670 gal.

3/27/01 5332'-5502' **Frac A & LODC sands as follows:**  
428,400# 20/40 sand in 2613 bbls Viking 1-25 fluid. Treated @ avg press of 2400 psi w/ avg rate of 37.4 BPM. ISIP: 2560 psi. Calc. flush: 5332 gal. Actual flush: 6498 gal.

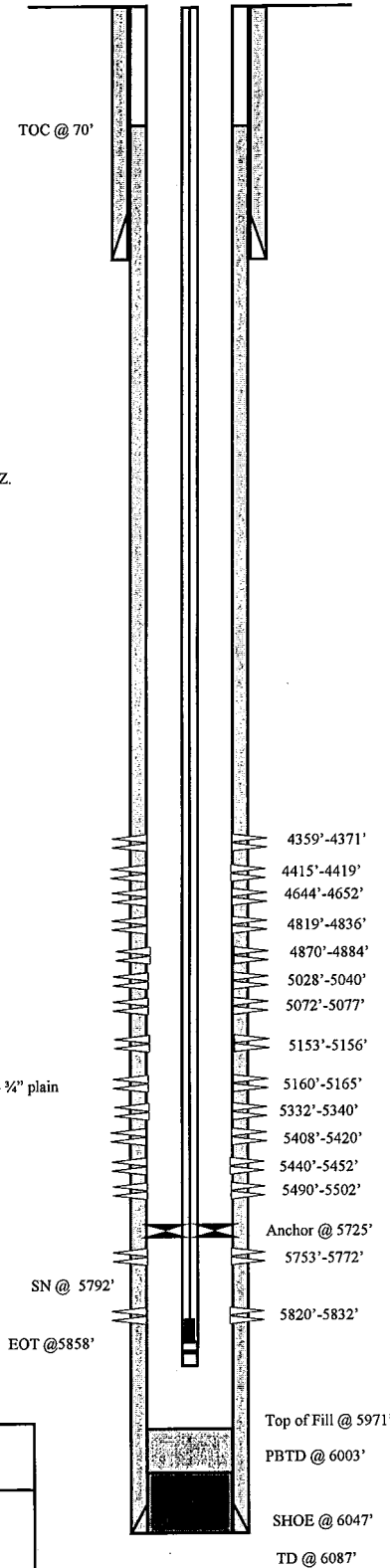
3/28/01 4819'-4884' **Frac D sands as follows:**  
152,950# 20/40 sand in 990 bbls Viking 1-25 fluid. Treated @ avg press of 1850 psi w/ avg rate of 29.5 BPM. ISIP: 2080 psi. Calc. flush: 4819 gal. Actual flush: 4746 gal.

5/13/03 5028'-5165' **Frac C and B2 sands as follows:**  
74,863# 20/40 sand in 583 bbls Viking 1-25 fluid. Treated @ avg press of 3490 psi w/ avg rate of 17.7 BPM. ISIP: 1750 psi. Calc. flush: 1313 gal. Actual flush: 1218 gal.

5/14/03 4359'-4652' **Frac GB and PB sands as follows:**  
75,090# 20/40 sand in 549 bbls Viking 1-25 fluid. Treated @ avg press of 1795 psi w/ avg rate of 25 BPM. ISIP: 2075 psi. Calc. flush: 4357 gal. Actual flush: 4284 gal.

10/12/05  
10/13/05  
2-17-06  
12-6-07

Parted Rods.  
Parted Rods. Detail tubing and rod updated.  
Tubing Leak. Updated rod and tubing detail.  
Pump Change. Updated rod & tubing details.

**PERFORATION RECORD**

3/23/01	5820'-5832'	4 JSPF	48 holes
3/23/01	5753'-5772'	4 JSPF	76 holes
3/27/01	5490'-5502'	4 JSPF	48 holes
3/27/01	5440'-5452'	4 JSPF	48 holes
3/27/01	5408'-5420'	4 JSPF	48 holes
3/27/01	5332'-5340'	4 JSPF	32 holes
3/28/01	4870'-4884'	4 JSPF	56 holes
3/28/01	4819'-4836'	4 JSPF	68 holes
5/13/03	5160'-5165'	4 JSPF	20 holes
5/13/03	5153'-5156'	4 JSPF	12 holes
5/13/03	5072'-5077'	4 JSPF	20 holes
5/13/03	5028'-5040'	4 JSPF	48 holes
5/13/03	4644'-4652'	4 JSPF	32 holes
5/13/03	4415'-4419'	4 JSPF	16 holes
5/13/03	4359'-4371'	4 JSPF	48 holes

**NEWFIELD**

West Point 4-8-9-16  
972' FNL & 798' FWL  
NWNW Section 8-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32208; Lease #UTU-74390

## Federal #23-5G-9-16

Spud Date: 7/18/88  
Put on Production: 9/11/88  
GL: 5821' KB: 5836'

Initial Production: 116 BOPD, 0 MCFD  
64 BWPD

### SURFACE CASING

CSG SIZE: 9-5/8"  
GRADE: L-80  
WEIGHT: 53.5#  
LENGTH: 7 JTS  
DEPTH LANDED: 300'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 165 sks Class "G" cmt, est 7 bbls to surface

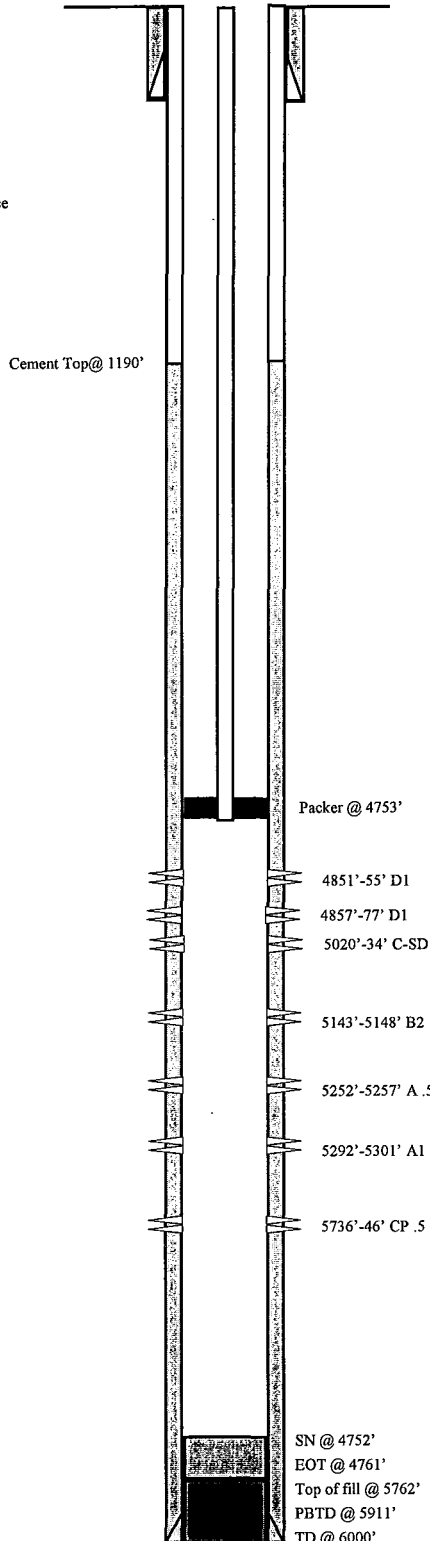
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 17#  
LENGTH: 151 jts  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 195 sks Class "G" & 445 sks Class "G"  
CEMENT TOP AT: 1190'  
SET AT: 6000'

### TUBING

SIZE/GRADE/WT: 2-7/8" J-55/6.5#  
NO. OF JOINTS: 153 jts (4737.87')  
SEATING NIPPLE: 2-7/8"x1.10'  
SN LANDED AT: 4752.87' KB  
PACKER: 4753.97' KB  
TOTAL STRING LENGTH: EOT @ 4761.28' KB

### Injection Wellbore Diagram



### FRAC JOB

8/18/90	5736'-5746'	961 bbls, 102,000# 20/40 sand. ISIP-2010 psi, 5 min 1836 psi. Avg rate of 40 BPM @ 1900 psi.
8/20/90	5292'-5301'	564 bbls, 54,000# 20/40 sand. ISIP-1950 psi, 5 min 1525 psi. Avg rate of 30 BPM @ 2050 psi.
8/22/90	5020'-5034'	890 bbls, 92,000# 20/40 sand. ISIP-2560 psi, 5 min 1708 psi. Avg rate of 35 BPM @ 2148 psi.
8/24/90	4851'-4877'	1453 bbls, 136,000# 20/40 sand. ISIP-2078 psi, 5 min 1817 psi. Avg rate of 45 BPM @ 2000 psi.
4/15/02	5143'-5257'	Broke B2 & A5 zones w/ 2.6 bbl acid & 34 bbl water. Treat @ 1.25 BPM @ 900 psi.
3/23/07		5 Year MIT completed and submitted.

### PERFORATION RECORD

8/17/90	5736'-5746'	4 JSPF	40 holes
8/19/90	5292'-5301'	4 JSPF	36 holes
8/21/90	5020'-5034'	4 JSPF	56 holes
8/23/90	4851'-4877'	4 JSPF	104 holes
4/15/02	5252'-5257'	4 JSPF	20 holes
4/15/02	5143'-5148'	4 JSPF	20 holes

**NEWFIELD**

Federal #23-5G-9-16  
2134 FWL & 1592 FSL  
NESW Section 5-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31207; Lease #U-30096

## Monument Federal 31-8-9-16

Spud Date: 1/15/97  
Put on Production: 2/14/97  
GL: 5838' KB: 5849'

Initial Production: 194 BOPD, 93 MCFD  
23 BWPD

**SURFACE CASING**

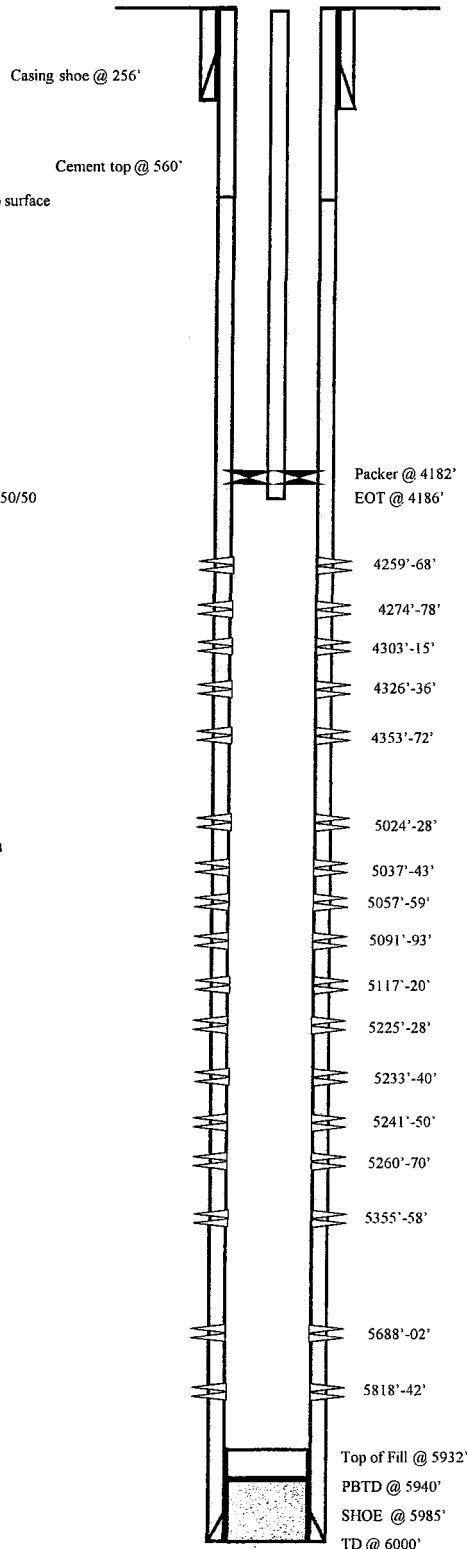
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 5 JTS  
DEPTH LANDED: 256.20'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls to surface

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 143 jts (5974.92')  
DEPTH LANDED: 5984.92'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 240 sxs Premium & 390 sxs Poz 50/50  
CEMENT TOP AT: 560'

**TUBING**

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
NO. OF JOINTS: 134 jts (4167.5')  
SEATING NIPPLE: 2-7/8"  
SN LANDED AT: 4177.5' KB  
CE @ 4181.88'  
TOTAL STRING LENGTH: EOT @ 4186' w/10' KB

Injector Wellbore  
Diagram**FRAC JOB**

1-28-97 5225'-5358' **Frac sand as follows:**  
29,840# 20/40 sand + 69,160# 16/30 sand  
in 642 bbls 2% KCL. ATP-2350 psi w/avg  
rate of 33.0 BPM. ISIP-4570 psi. Calc flush  
5225 gal. Actual flush: 5208 gal.

1-31-97 4259'-4372' **Frac sand as follows:**  
162,000# 16/30 sand in 1076 bbl 2% KCL.  
ATP-2150 psi w/avg rate of 41.9 BPM  
ISIP-2450 psi. Calc flush: 5225 gal. Actual  
flush: 5208 gal.

5/08/99 **Stuck pump.** Update rod details.

5/22/03 5688'-5842' **Frac CP.5 and #3 sands as follows:**  
102,000# 20/40 sand in 507 bbls Viking I-  
25 fluid. Treated @ avg press of 3120 psi  
w/avg rate of 15.7 BPM. ISIP 1790 psi  
Calc flush: 1476 gal. Actual flush: 1344 gal

5/22/03 5024'-5120' **Frac B and B2 sands as follows:**  
58,600# 20/40 sand in 307 bbls Viking I-25  
fluid. Treated @ avg press of 3027 psi  
w/avg rate of 15.4 BPM. ISIP 1830 psi  
Calc flush: 1322 gal. Actual flush: 1176 gal

8/30/03 **Tubing Leak.** Update tbg and rod detail

05/27/08 **Parted Rods** - updated tubing and rod detail

04/13/10 **Tubing Leak.** Update tbg and rod detail

10/05/10 **Convert to Injection well**

10/07/10 **MIT completed** - tbg detail updated

**PERFORATION RECORD**

1-27-97	5225'-5228'	1 JSPF	3 holes
1-27-97	5233'-5240'	1 JSPF	7 holes
1-27-97	5241'-5250'	1 JSPF	9 holes
1-27-97	5260'-5270'	1 JSPF	10 holes
1-27-97	5355'-5358'	4 JSPF	12 holes
1-30-97	4259'-4268'	2 JSPF	18 holes
1-30-97	4274'-4278'	2 JSPF	8 holes
1-30-97	4303'-4315'	4 JSPF	48 holes
1-30-97	4326'-4336'	4 JSPF	40 holes
1-30-97	4353'-4372'	4 JSPF	76 holes
5/21/03	5818'-5842'	4 JSPF	96 holes
5/21/03	5688'-5702'	4 JSPF	56 holes
5/21/03	5117'-5120'	4 JSPF	12 holes
5/21/03	5091'-5093'	4 JSPF	8 holes
5/21/03	5057'-5059'	4 JSPF	8 holes
5/21/03	5037'-5043'	4 JSPF	24 holes
5/21/03	5024'-5028'	4 JSPF	16 holes

**NEWFIELD****Monument Federal 31-8-9-16**

520 FNL &amp; 2076 FEL

NWNE Section 8-T9S-R16E

Duchesne Co, Utah

API #43-013-31721; Lease #UTU-020255



## Monument Federal 44-6-9-16

Spud Date: 12/29/96  
Put on Production: 4/3/03  
GL: 5861' KB: 5875'

Initial Production: 17.5 BOPD,  
43.1 MCFPD, .25 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 5 jts (246')  
DEPTH LANDED: 256'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt. Cement to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 139 jts. (5900')  
DEPTH LANDED: 5910'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 305 sxs premium lite cement, tail w/385 sxs 50/509 poz.  
TOP OF CEMENT: 100' per CBL.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 156 jts (4820.57')  
NO. OF JOINTS: 24 jts new tbg (794.36')  
TUBING ANCHOR: 5624.93'  
NO. OF JOINTS: 1 jt (31.48')  
SN LANDED AT: 5656.41'  
NO. OF JOINTS: 1 jts (33.13')  
TOTAL STRING LENGTH: EOT @ 5691.09'

SUCKER RODS

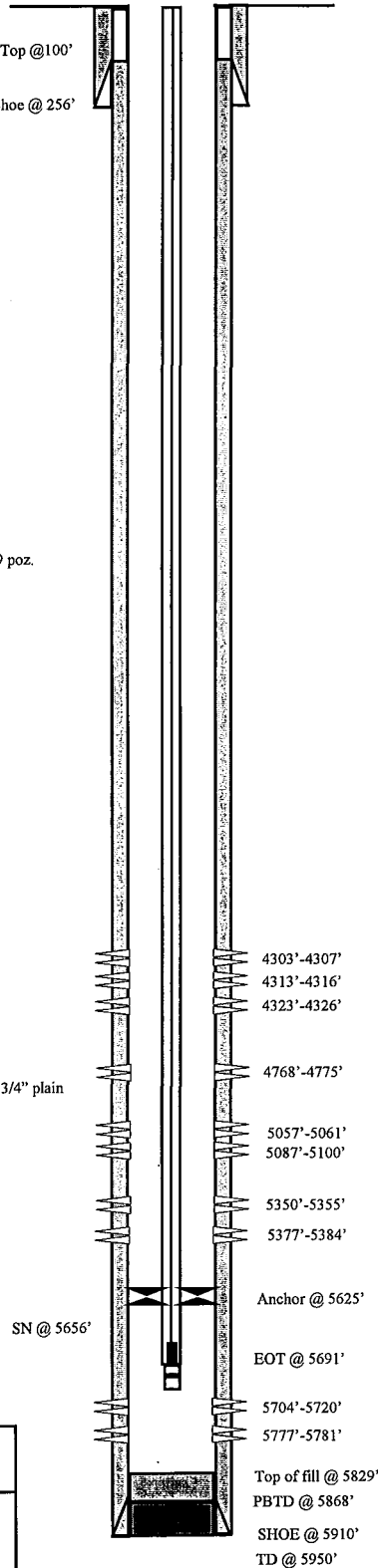
POLISHED ROD: 1-1/4" x 26'  
SUCKER RODS: 6-1-1/2" weight bars, 34 - 3/4" scraped rods, 97 - 3/4" plain rods, 89 - 3/4" scraped rods, 2', 8' x 3/4" pony  
PUMP SIZE: 2-1/2" x 1-1/2" x 11' x 14' RHAC  
STROKE LENGTH: 72"  
PUMP SPEED, SPM: 5 SPM

FRAC JOB

1/9/97	5350'-5384'	14,110# 20/40 sand + 26,520# 16/30 sand in 346 bbls 2% KCL wtr. Avg. treating press. 1950 psi, @ 26.3 bpm, ISIP: 1950 psi. Calc. flush: 5350 gal. Actual flush: 5334 gal.
1/13/97	5087'-5100'	11,430# 20/40 sand + 28,020# 16/30 sand in 343 bbls 2% KCL wtr. Avg. treating press. 1900 psi, @ 26.2 bpm, ISIP: 1800 psi. Calc. flush: 5087 gal. Actual flush: 5040 gal.
2/6/02		Tubing leak. Update rod and tubing details.
1/8/03		Pump Change. Update rod details.
3/24/03	5704'-5781'	<b>Frac CP sands as follows:</b> 75,300# 20/40 sand in YF 125 fluid. Treated @ avg. press. 4386 psi, with avg. rate of 17.2 bpm, ISIP: 2028 psi. Calc. flush: 1490 gal. Actual flush: 1387 gal.
3/26/03	5057'-5061'	<b>Frac B1 sands as follows:</b> 20,500# 20/40 sand in YF 125 fluid. Treated @ avg. press. 2668 psi, with avg. rate of 18.8 bpm, ISIP: 2020 psi. Calc. flush: 5057 gal. Actual flush: 4938 gal.
3/26/03	4768'-4775'	<b>Frac DS3 sands as follows:</b> 9,109# 20/40 sand in YF 125 fluid. Treated @ avg. press. 2636 psi, with avg. rate of 15.8 bpm, Screened out, ISIP: NA psi. Calc. flush: 4768 gal. Actual flush: 2058 gal.
3/27/03	4303'-4326'	<b>Frac GB sands as follows:</b> 23,044# 20/40 sand in YF 125 fluid. Treated @ avg. press. 1669 psi, with avg. rate of 18.0 bpm, ISIP: 1880 psi. Calc. flush: 4303 gal. Actual flush: 4201 gal.
9/10/03		Stuck Plunger. Update rod details.
11/04/03		Tubing Leak : Update rod and tubing report.
12-12-07		Pump Change. Updated rod & tubing details.
2/6/09		Pump Change. Updated r & t detail.

PERFORATION RECORD

1/08/97	5350'-5355'	4 SPF	20 holes
1/08/97	5377'-5384'	4 SPF	28 holes
1/13/97	5087'-5100'	4 SPF	52 holes
3/24/03	5777'-5781'	4 SPF	16 holes
3/24/03	5704'-5720'	4 SPF	64 holes
3/26/03	5087'-5100'	4 SPF	52 holes
3/26/03	5057'-5061'	4 SPF	16 holes
3/27/03	4768'-4775'	4 SPF	28 holes
3/27/03	4323'-4326'	4 SPF	12 holes
3/27/03	4313'-4316'	4 SPF	12 holes
3/27/03	4303'-4307'	4 SPF	16 holes



NEWFIELD

Monument Federal #44-6-9-16Y

816' FSL &amp; 725' FEL

SESE Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31720; Lease #UTU-74390

## SWD Fed #B-8-9-16

Spud Date: 06/11/08  
Put on Production: 10/13/08

GL: 5852' KB: 5864'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (312.79')  
DEPTH LANDED: 324.64'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 9 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts (6316.75')  
DEPTH LANDED: 6330'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 350 sx Premlite II and 450 sx 50/50 Poz  
CEMENT TOP AT: 38'

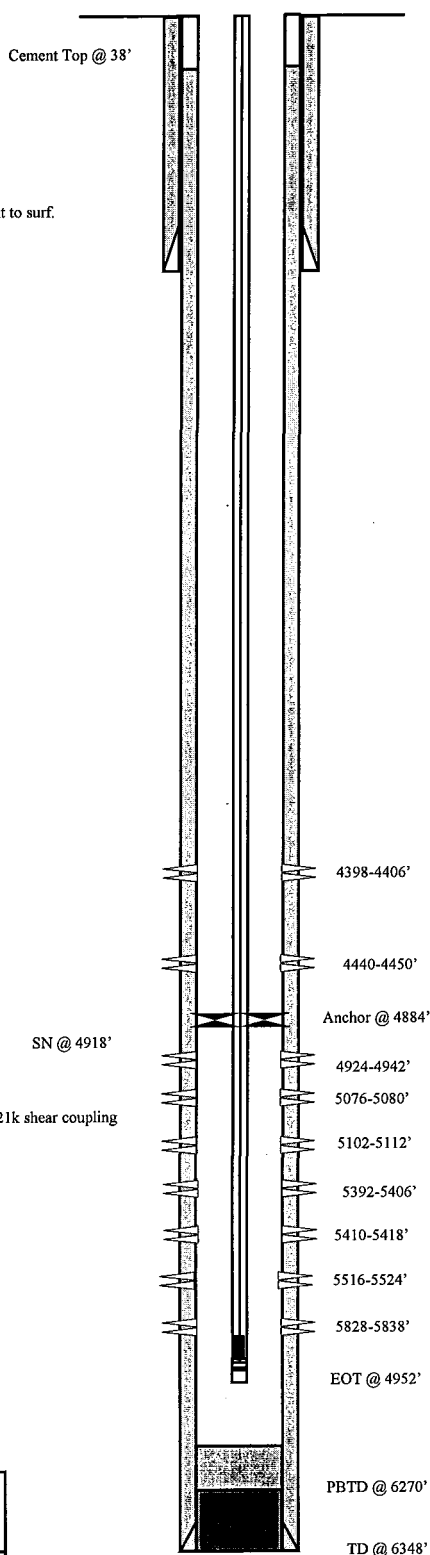
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55/  
NO. OF JOINTS: 157 jts (4872.21')  
TUBING ANCHOR: 2.80@ 4884.21  
NO. OF JOINTS: 1 jts (30.85')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4917.86  
NO. OF JOINTS: 1 (30.85)  
TOTAL STRING LENGTH: EOT @ 4951.91'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod  
SUCKER RODS: 191-7/8" guided (8 per), 4-1 1/2" wt bars, 21k shear coupling  
PUMP SIZE: 2 1/2" x 2" x 24' RHBC CDI  
STROKE LENGTH: 120'  
PUMP SPEED, SPM: 5

## Wellbore Diagram

FRAC JOB

7/15/08 5828-5838' **Frac CP.5 sds as follows:**  
24,700# 20/40 sand in 369 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2765 psi @ ave rate of 23 BPM. ISIP 2282 psi. Actual flush: 5326 gals.

7/15/08 5516-5524' **Frac LODC sds as follows:**  
25,258# 20/40 sand in 358 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2103 psi @ ave rate of 23.1 BPM. ISIP 1740 psi. Actual flush: 5011 gals.

7/15/08 5392-5406' **Frac A1 sds as follows:**  
100,294# 20/40 sand in 743 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2210 psi @ ave rate of 23 BPM. ISIP 1740 psi. Actual flush: 4889 gals.

7/16/08 5076-5080' **Frac C sds as follows:**  
59,951# 20/40 sand in 506 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2103 psi @ ave rate of 23 BPM. ISIP 2180 psi. Actual flush: 4570 gals.

7/16/08 4924-4942' **Frac D1 sds as follows:**  
128,411# 20/40 sand in 906 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2326 psi @ ave rate of 25.6 BPM. ISIP 2411 psi. Actual flush: 4418 gals.

7/16/08 4398-4406' **Frac GB4 & GB6 sds as follows:**  
99,112# 20/40 sand in 716 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2003 psi @ ave rate of 25.7 BPM. ISIP 2008 psi. Actual flush: 4326 gals.

PERFORATION RECORD

4398-4406'	4 JSPF	32 holes
4440-4450'	4 JSPF	40 holes
4924-4942'	4 JSPF	72 holes
5076-5080'	4 JSPF	16holes
5102-5112'	4 JSPF	40 holes
5392-5406'	4 JSPF	56 holes
5410-5418'	4 JSPF	32 holes
5516-5524'	4 JSPF	32 holes
5828-5838'	4 JSPF	40 holes

NEWFIELD



SWD Fed #B-8-9-16  
527' FNL & 2066' FEL  
NWNE Section 8-T9S-R16E  
Duchesne Co, Utah  
API #43-013-33764; Lease #UTU-020255

TW 03/02/09

## South Wells Draw #15-5-9-16

Spud Date: 6/25/02  
 Put on Production: 8/23/02  
 GL: 5877' KB: 5887'

Initial Production: 109 BOPD,  
 188 MCFD, 28 BWPD

**SURFACE CASING**

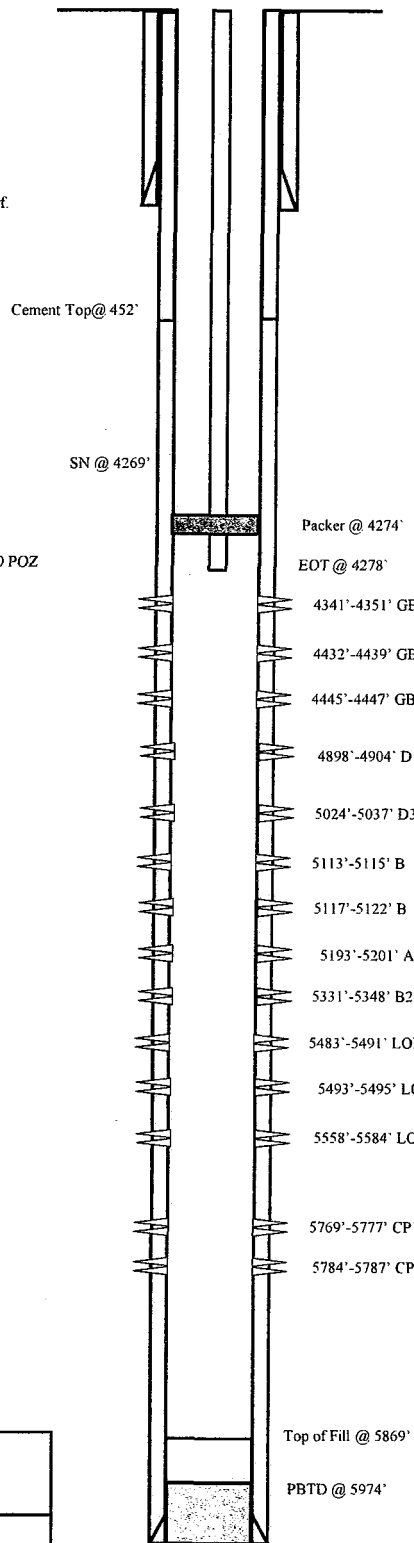
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (299 87')  
 DEPTH LANDED: 307 87' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 134 jts. (6004 30')  
 DEPTH LANDED: 6001 90' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ  
 CEMENT TOP AT: 452' per CBL

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS: 111 jts (4258 94')  
 SEATING NIPPLE: 2-7/8" (1 10")  
 SN LANDED AT: 4268.94' KB  
 PACKER AT: 4274'  
 TOTAL STRING LENGTH: EOT @ 4277.84' KB

**Injection Wellbore  
Diagram****FRAC JOB**

8/20/02 5483'-5787' **Frac LODC, CP1 sands as follows:**  
 150,000# 20/40 sand in 627 bbls Viking I-25  
 fluid. Treated @ avg press of 1800 psi w/avg  
 rate of 27 BPM. ISIP 2080 psi Calc flush:  
 5483 gal. Actual flush: 5418 gal

8/20/02 5193'-5348' **Frac A1, B2 sands as follows:**  
 75,000# 20/40 sand in 319 bbls Viking I-25  
 fluid. Treated @ avg press of 1810 psi w/avg  
 rate of 26.6 BPM. ISIP 2040 psi Calc flush:  
 5193 gal. Actual flush: 5166 gal

8/20/02 4898'-5122' **Frac D1, B3, B0.5 sands as follows:**  
 75,000# 20/40 sand in 325 bbls Viking I-25  
 fluid. Treated @ avg press of 1740 psi w/avg  
 rate of 26.9 BPM. ISIP 1970 psi Calc flush:  
 4898 gal. Actual flush: 4830 gal

8/20/02 4341'-4447' **Frac GB4, GB6 sands as follows:**  
 48,380# 20/40 sand in 215 bbls Viking I-25  
 fluid. Treated @ avg press of 1850 psi w/avg  
 rate of 26.4 BPM. ISIP 2065 psi. Calc flush:  
 4341 gal. Actual flush: 4284 gal

5/13/04 **Pump change. Update rod details.**  
 7/2/04 **Injection Conversion**  
 6/7/06 **Well Recompleted**  
 7/1/06 **MIT completed and submitted.**

**PERFORATION RECORD**

Date	Depth Range	Tool Joint	Holes
8/19/02	5784'-5787'	4 JSPF	12 holes
8/19/02	5769'-5777'	4 JSPF	30 holes
8/19/02	5558'-5584'	4 JSPF	104 holes
8/19/02	5493'-5495'	4 JSPF	08 holes
8/19/02	5483'-5491'	4 JSPF	32 holes
8/20/02	5331'-5348'	4 JSPF	68 holes
8/20/02	5193'-5201'	4 JSPF	32 holes
8/20/02	5117'-5122'	4 JSPF	20 holes
8/20/02	5113'-5115'	4 JSPF	08 holes
8/20/02	5024'-5037'	4 JSPF	68 holes
8/20/02	4898'-4904'	4 JSPF	24 holes
8/20/02	4445'-4447'	4 JSPF	08 holes
8/20/02	4432'-4439'	4 JSPF	28 holes
8/20/02	4341'-4351'	4 JSPF	40 holes

**NEWFIELD**

South Wells Draw #15-5-9-16

568' FSL &amp; 1975' FEL

SWSE Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-32329; Lease #UTU-73068

## South Wells Draw 16-5T-9-16

Spud Date: 4/11/03  
Put on Production: 7/11/03  
GL: 5810' KB: 5822'

Initial Production: 106 BOPD,  
86 MCFD, 19 BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (292.42')  
DEPTH LANDED: 302.42' KB  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 150 sxs Class "G" cement, est 3.5 bbls cement to surf

PRODUCTION CASING

CSG SIZE: 5 1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. (6246.18')  
DEPTH LANDED: 6244.18' KB  
HOLE SIZE: 7 7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: Surface per CBI

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
NO. OF JOINTS: 187 jts (5892.92')  
TUBING ANCHOR: 5909.92' KB  
NO. OF JOINTS: 2 jts (62.89')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 5978.27 KB  
NO. OF JOINTS: 2 jts (63.00')  
TOTAL STRING LENGTH: EOT @ 6042.81' W/ KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22' SM  
SUCKER RODS: 6- 1 1/2" weight rods, 10- 3/4" scraped rods; 122- 3/4" plain rods, 99- 3/4" scraped rods, 1- 6' & 1- 2' x 3/4" pony rods  
PUMP SIZE: 2 1/2" x 1 1/2" x 10' x 14" RHAC  
STROKE LENGTH: 72"  
PUMP SPEED, SPM: 5 SPM

FRAC JOB

7-7-03 5730'-5964' Frac CP.5 CP2, CP3, & CP4 sands as follows:  
89,016# 20/40 sand in 697 Bbls Viking I-25 fluid. Treated @ avg. press of 1731 psi w/ avg rate of 24.5 BPM. ISIP: 1983 psi. Calc flush: 5728 gal. Actual flush: 5628 gal.

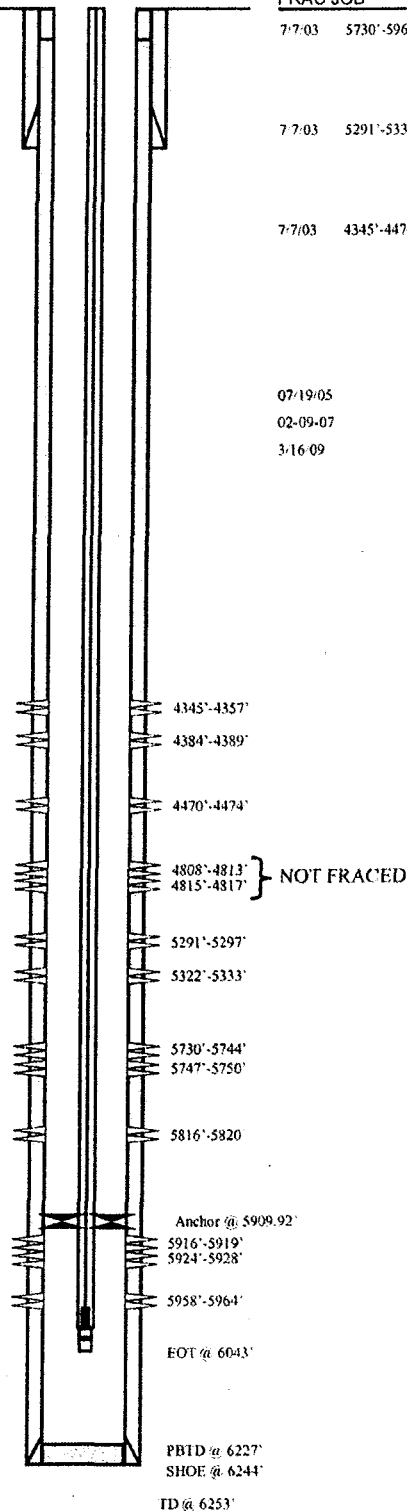
7-7-03 5291'-5333' Frac A1 & A3 sands as follows:  
52,556# 20/40 sand in 461 Bbls Viking I-25 fluid. Treated @ avg. press of 2040 psi w/ avg rate of 24.5 BPM. ISIP: 2270 psi. Calc flush: 5289 gal. Actual flush: 5208 gal.

7-7-03 4345'-4474' Frac GB4, GB6, & PB7 sands as follows:  
80,766# 20/40 sand in 576 Bbls Viking I-25 fluid. Treated @ avg. press of 1950 psi w/ avg rate of 24.7 BPM. ISIP: 2125 psi. Calc flush: 4343 gal. Actual flush: 4242 gal.

07-19-05 Pump change. Update tubing and rod details.  
02-09-07 Tubing Leak: Updated rod and tubing detail  
3-16-09 Pump Change. Updated r & t details.

PERFORATION RECORD

7/3-03	5958'-5964'	4 JSPF	24 holes
7/3-03	5924'-5928'	4 JSPF	16 holes
7/3-03	5916'-5919'	4 JSPF	12 holes
7/3-03	5816'-5820'	4 JSPF	16 holes
7/3-03	5747'-5750'	4 JSPF	12 holes
7/3-03	5730'-5744'	4 JSPF	56 holes
7/7-03	5322'-5333'	4 JSPF	44 holes
7/7-03	5291'-5297'	4 JSPF	24 holes
7/7-03	4815'-4817'	4 JSPF	8 holes
7/7-03	4808'-4813'	4 JSPF	20 holes
7/7-03	4470'-4474'	4 JSPF	16 holes
7/7-03	4384'-4389'	4 JSPF	20 holes
7/7-03	4345'-4357'	4 JSPF	48 holes



NEWFIELD

South Wells Draw 16-5T-9-16  
897' FSL & 823' FEL  
SE/SE Section 5-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32433; Lease #UTU-73086

Spud Date: 3/11/65  
Put on Production: 4/12/65  
P&A: 2/15/74  
GL: 5811' KB: 5821'

## Castle Peak Unit #9-5-9-16

Initial Production: 102 BOPD,  
50 MCFD, 3 BWPD

Cumm. Production: 24,918 BO,  
37,861 MCFG, 0 BW.

P&A

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 9-5/8"  
GRADE: H-40  
WEIGHT: 32.5#  
DEPTH LANDED: 221' KB  
HOLE SIZE:  
CEMENT DATA: 150 sxs cement.

#### PRODUCTION CASING

CSG SIZE: 4-1/2"  
GRADE: J-55  
WEIGHT: 11.6#  
DEPTH LANDED: 5862' KB  
HOLE SIZE:  
CEMENT DATA: 450 cubic feet cement  
CEMENT TOP AT: ? per CBL

#### FRAC JOB

##### Frac sands as follows:

48,000# sand in 909 bbls water. Treated @  
avg press of 4500 psi w/avg rate of 50 BPM.  
Started to screen out. Flush with 3948 gal.  
ISIP 1800 psi.

10 sacks cement to surface

4602'-5747'

35 sacks cement @ 170'-270'

35 sacks cement @ 1270'-1370'

35 sacks cement @ 4100'-4200'

20 sacks cement @ 4400'-4600'

4602'-4605'

5299'-5302'

5331'-5341'

5739'-5747'

TD @ 6065'

#### PERFORATION RECORD

5739'-5747'	1 JSPF	8 holes
5331'-5341'	1 JSPF	10 holes
5299'-5302'	1 JSPF	3 holes
4602'-4605'	1 JSPF	3 holes



Castle Peak #9-5-9-16  
819' FSL & 763' FEL  
SESE Section 5-T9S-R16E  
Duchesne Co, Utah  
API #43-013-15787; Lease #U-34217-A

## Wells Draw Federal #22-5G-9-16

Spud Date: 05/25/1990  
 Put on Production: 10/5/90  
 GL: 5786' KB: 5801' 15' KB

Initial Production: 228 BOPD, 0 MCFD  
 57 BWPD

Injection Wellbore  
DiagramSURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: K-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.  
 DEPTH LANDED: 311'KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 210 sks Class "G" cmt, est 43 bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 17#  
 LENGTH: 149 jts  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 160 sks Hi-Liñ & 450 sks 10-0 RFC  
 CEMENT TOP AT: 1610'  
 SET AT: 6259'KB

TUBING

SIZE/GRADE/WT: 2-7/8", 6.5#, J-55  
 NO. OF JOINTS: 138 jts. (4258.01')  
 SEATING NIPPLE: 2-7/8"  
 SN LANDED AT: 4273.01'KB  
 TOTAL STRING LENGTH: EOT @ 4281.51'KB

Cement top @ 1610'

Packer @ 4277'  
 EOT @ 4282'

4308'-29'

4864'-78'

5145'-53'

5269'-81'

5555'-64'

Top of Fill @ 6127'  
 PBTD @ 6145'  
 SHOE & TD @ 6259'

FRAC JOB

08-23-90	5555'-5564'	<b>Frac E2 sands as follow:</b> 14,300# 20/40 sd and 18,200# 16/30 sd
08-25-90	5269'-5281'	<b>Frac E0 sands as follow:</b> 13,600# 20/40 sd and 18,100# 16/30 sd
08-28-90	5145'-5153'	<b>Frac D sands as follow:</b> 15,300# 20/40 sd and 17,700# 16/30 sd
08-30-90	4864'-4878'	<b>Frac DC2 sands as follow:</b> 45,700# 20/40 sd and 57,800# 16/30 sd
09-01-90	4308'-4329'	<b>Frac A sands as follow:</b> 41,800# 20/40 sd and 56,700# 16/30 sd
11-19-03		<b>Tubing leak:</b> Update rod and tubing details.
3/19/09		<b>Well converted to an Injection Well.</b>
3/25/09		<b>MIT completed and submitted.</b>

PERFORATION RECORD

08-23-90	5555'-5564'	4 JSPF	36 holes
08-25-90	5269'-5281'	4 JSPF	48 holes
08-28-90	5145'-5153'	4 JSPF	32 holes
08-30-90	4864'-4878'	4 JSPF	56 holes
09-01-90	4308'-4329'	4 JSPF	84 holes

NEWFIELD

Wells Draw Federal #22-5G-9-16

1837' FWL 2032' FNL

SE/NW Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-31273; Lease #UTU-30096

## WELLS DRAW FED. M-5-9-16

Spud Date: 06/11/2006  
Put on Production: 10/03/07

GL: 5786' KB: 5798'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (312.89')  
DEPTH LANDED: 322.89' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 147 jts. (6439.02')  
DEPTH LANDED: 6452.27' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 178 jts (5556.73')  
TUBING ANCHOR: 5568.73' KB  
NO. OF JOINTS: 1 jts (31.42')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5602.95' KB  
NO. OF JOINTS: 2 jts (62.75')  
TOTAL STRING LENGTH: EOT @ 5667.25' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods  
SUCKER RODS: 1-2', 1-4' & 1- 8' x 7/8" pony rods, 219-7/8" scraped rods,  
8-guides per rod, 4-1 1/2" weight rods.  
PUMP SIZE: CDI 2-1/2" x 1-3/4" x 20" x 21" RHAC  
STROKE LENGTH: 144"  
PUMP SPEED, 6 SPM:

## Wellbore Diagram

Cement Top @ Surface'

SN 5603'

Anchor @ 5569'

5590-5599'

EOT @ 5667'

PBTD @ 6429'

SHOE @ 6452'

TD @ 6489'

FRAC JOB

09/26/07 5590-5599'

**Frac LODC sands as follows:**  
34374# 20/40 sand in 442 bbls Lightning 17 frac fluid. Treated @ avg press of 2165 psi w/avg rate of 24.7 BPM. ISIP 2250 psi. Calc flush: 5588 gal. Actual flush: 5082 gal.

09/26/07 5437-5449'

**Frac A1 sands as follows:**  
29486# 20/40 sand in 396 bbl Lightning 17 frac fluid. Treated @ avg press of 1979 psi w/avg rate of 24.7 BPM. ISIP 2375 psi. Calc flush: 5435 gal. Actual flush: 4931 gal.

09/26/07 5287-5300'

**Frac B2 sands as follows:**  
85338# 20/40 sand in 665 bbls Lightning 17 frac fluid. Treated @ avg press of 1878 psi w/avg rate of 24.8 BPM. ISIP 2080 psi. Calc flush: 5285 gal. Actual flush: 4780 gal.

09/26/07 5154-5161'

**Frac C sands as follows:**  
14758# 20/40 sand in 281 bbls Lightning 17 frac fluid. Treated @ avg press of 2474 psi w/avg rate of 24.8 BPM. ISIP 2200 psi. Calc flush: 5152 gal. Actual flush: 4649 gal.

09/26/07 5059-5067'

**Frac D2 sands as follows:**  
44707# 20/40 sand in 439 bbls Lightning 17 frac fluid. Treated @ avg press of 1973 psi w/avg rate of 24.7 BPM. ISIP 2045 psi. Calc flush: 5057 gal. Actual flush: 4553 gal.

09/26/07 4984-5006'

**Frac D1 sands as follows:**  
120191# 20/40 sand in 868 bbls Lightning 17 frac fluid. Treated @ avg press of 2233 psi w/avg rate of 24.8 BPM. ISIP 2300 psi. Calc flush: 4982 gal. Actual flush: 4477 gal.

4433-4442'

09/27/07 4705-4713'

4521-4533'

**Frac PB8 sands as follows:**  
24177# 20/40 sand in 379 bbls Lightning 17 frac fluid. Treated @ avg press of 2192 psi w/avg rate of 24.7 BPM. ISIP 2450 psi. Calc flush: 4703 gal. Actual flush: 4200 gal.

4705-4713'

09/27/07 4521-4533'

4984-4992'

**Frac GB6 sands as follows:**  
109705# 20/40 sand in 801 bbls Lightning 17 frac fluid. Treated @ avg press of 1866 psi w/avg rate of 24.7 BPM. ISIP 2030 psi. Calc flush: 4519 gal. Actual flush: 4015 gal.

4997-5006'

09/27/07 4433-4442'

**Frac GB2 sands as follows:**  
34269# 20/40 sand in 351 bbls Lightning 17 frac fluid. Treated @ avg press of 1943 psi w/avg rate of 24.8 BPM. ISIP 1975 psi. Calc flush: 4431 gal. Actual flush: 4347 gal.

5059-5067'

5154-5161' 10/17/08

Pump change. Updated rod & tubing details.

PERFORATION RECORD

5590-5599'	4 JSPF	36 holes
5437-5449'	4 JSPF	48 holes
5287-5300'	4 JSPF	52 holes
5154-5161'	4 JSPF	28 holes
5059-5067'	4 JSPF	32 holes
4997-5006'	4 JSPF	36 holes
4984-4992'	4 JSPF	32 holes
4705-4713'	4 JSPF	32 holes
4521-4533'	4 JSPF	48 holes
4433-4442'	4 JSPF	36 holes

**NEWFIELD**

**WELLS DRAW FED. M-5-9-16**

2033'FNL & 1816' FWL

SE/NW Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-33249; Lease # UTU-30096

## Wells Draw #10-5-9-16

Spud Date: 3/14/2000  
Put on Production: 4/10/2000  
GL: 5843' KB: 5853'

Initial Production: 80 BOPD,  
258 MCFD, 1 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (297.24')  
DEPTH LANDED: 309.09'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 141 sxs Class "G" cmt,

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 130 jts. (5995.54')  
DEPTH LANDED: 5993.14'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 265 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP: 880' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 169 jts (5284.20')  
TUBING ANCHOR: 5284.2'  
NO. OF JOINTS: 2 jts (62.9')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5349.9'  
NO. OF JOINTS: 1 jts (31.4')  
TOTAL STRING LENGTH: EOT @ 5383'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1- 4' x 3/4" pony rod, 1- 2' x 3/4" pony rod, 208- 3/4" guided rods, 6- 1 1/2" weight bars  
PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC  
STROKE LENGTH: 84"  
PUMP SPEED, SPM: 5 spm  
LOGS: Dual Lateralog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

4/05/00 5323'-71' **Frac A sands as follows:**  
96,000# 20/40 sand in 604 bbls Viking 1-25 fluid. Treated @ avg press of 1700 psi w/ avg rate of 33 BPM. ISIP: 2200 psi. Calc. flush: 5323 gal. Actual flush: 5250 gal.

4/05/00 4903'-5075' **Frac D/C sands as follows:**  
119,171# 20/40 sand in 634 bbls Viking 1-25 fluid. Treated @ avg press of 2360 psi w/ avg rate of 34.3 BPM. ISIP: 2370 psi. Calc. flush: 4903 gal. Actual flush: 4830 gal.

12/19/01 Pump change. Update pump details.

9/27/02 4307'-4456' **Frac GB 2,4,6 sands as follows:**  
88,800# 20/40 white mesh sand in 377 bbls Viking 1-25 fluid. Treated @ avg press of 2,695 psi w/ avg rate of 24.7 BPM. ISIP: 2210 psi. Calc. flush: 4307 gal. Actual flush: 4200 gal.

01/08/04 Guide complete rod string. Update rod details.

05/28/08 pump change. Updated rod and tubing details

1/20/2010 Parted rods. Updated rod and tubing detail.

Cement Top @ 880'

4307'-4310'

4342'-4346'

4352'-4359'

4438'-4445'

4452'-4456'

4582'-4586' Out of Zone-Not treated or broken down

4903'-10'

5024'-29'

5068'-75'

Anchor @ 5284'

5323'-28'

5330'-34'

5336'-51'

5355'-71'

Out of Zone-Not treated or broken down

SN @ 5350'

EOT @ 5383'

Top of Fill: 5946'

PBTD @ 5955'

SHOE @ 5993'

TD @ 5994'

PERFORATION RECORD

4/05/00	5355'-5371'	2 JSPF	32 holes
4/05/00	5336'-5351'	2 JSPF	30 holes
4/05/00	5330'-5334'	2 JSPF	08 holes
4/05/00	5323'-5328'	2 JSPF	10 holes
4/05/00	5068'-5075'	4 JSPF	28 holes
4/05/00	5024'-5029'	4 JSPF	20 holes
4/05/00	4903'-4910'	4 JSPF	28 holes
9/27/02	4582'-4586'	4 JSPF	16 holes
9/27/02	4452'-4456'	4 JSPF	16 holes
9/27/02	4438'-4445'	4 JSPF	28 holes
9/27/02	4352'-4359'	4 JSPF	28 holes
9/27/02	4342'-4346'	4 JSPF	16 holes
9/27/02	4307'-4310'	4 JSPF	12 holes

**NEWFIELD****Wells Draw # 10-5-9-16**

1787' FSL &amp; 2034' FEL

NW/SE Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-32133; Lease #UTU-034217A

ML 4-13-2010



**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory  
1553 East Highway 40  
Vernal, UT 84078

multi-chem®

**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-53132**Well Name: **south wells draw IF**Sample Point: **tank**Sample Date: **1 /7 /2011**Sales Rep: **Monty Frost**Lab Tech: **Peter Poulsen**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	1/24/2011	<b>Cations</b>	<b>mg/L</b>	<b>Anions</b>	<b>mg/L</b>
Temperature (°F):	100	Calcium (Ca):	31.62	Chloride (Cl):	2500.00
Sample Pressure (psig):		Magnesium (Mg):	15.12	Sulfate (SO <sub>4</sub> ):	88.00
Specific Gravity (g/cm <sup>3</sup> ):	1.0006	Barium (Ba):	8.18	Dissolved CO <sub>2</sub> :	-
pH:	7.25	Strontium (Sr):	-	Bicarbonate (HCO <sub>3</sub> ):	805.00
Turbidity (NTU):	-	Sodium (Na):	1897.00	Carbonate (CO <sub>3</sub> ):	-
		Potassium (K):	-	H <sub>2</sub> S:	-
		Iron (Fe):	0.12	Phosphate (PO <sub>4</sub> ):	-
		Manganese (Mn):	0.02	Silica (SiO <sub>2</sub> ):	-
		Lithium (Li):	-	Fluoride (F):	-
Calculated T.D.S. (mg/L)	5345	Aluminum (Al):	-	Nitrate (NO <sub>3</sub> ):	-
Molar Conductivity (µS/cm):	8099	Ammonia NH <sub>3</sub> :	-	Lead (Pb):	-
Resitivity (Mohm):	1.2347			Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl											
		Calcium Carbonate CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub>	
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi	
Temp °F	Gauge Press. psi												
100		0.76	-0.74	0.00	-1872.00	0.00	-1990.00	-	-	28.50	13.37	1.25	
80	0	0.55	-1.54	0.00	-5.19	0.00	-2126.70	-	-	43.03	13.55	0.57	
100	0	0.76	-0.74	0.00	-3.25	0.00	-1990.00	-	-	28.50	13.37	0.70	
120	0	0.98	-0.06	0.00	-1.85	0.00	-1792.60	-	-	19.32	13.12	0.79	
140	0	1.22	0.57	0.00	-0.80	0.00	-1562.50	-	-	13.37	12.78	0.89	
160	0	1.47	1.15	0.00	0.01	0.00	-1323.40	-	-	9.43	12.32	1.01	
180	0	1.72	1.70	0.00	0.63	0.01	-1092.60	-	-	6.77	11.71	1.11	
200	0	1.96	2.21	0.01	1.12	0.01	-881.65	-	-	4.94	10.90	1.13	
220	2.51	2.16	2.69	0.01	1.48	0.01	-703.26	-	-	3.59	9.80	1.14	
240	10.3	2.34	3.11	0.01	1.72	0.02	-544.83	-	-	2.67	8.45	1.17	
260	20.76	2.48	3.47	0.01	1.84	0.02	-413.16	-	-	2.01	6.73	1.19	
280	34.54	2.59	3.76	0.01	1.86	0.04	-306.03	-	-	1.53	4.58	1.22	
300	52.34	2.65	3.95	0.01	1.79	0.06	-220.34	-	-	1.17	1.91	1.25	

**Conclusions:**

Calcium Carbonate scale is indicated. See graph for appropriate temperature ranges.

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate scale is indicated at all temps from 80°F to 300°F

**Notes:**

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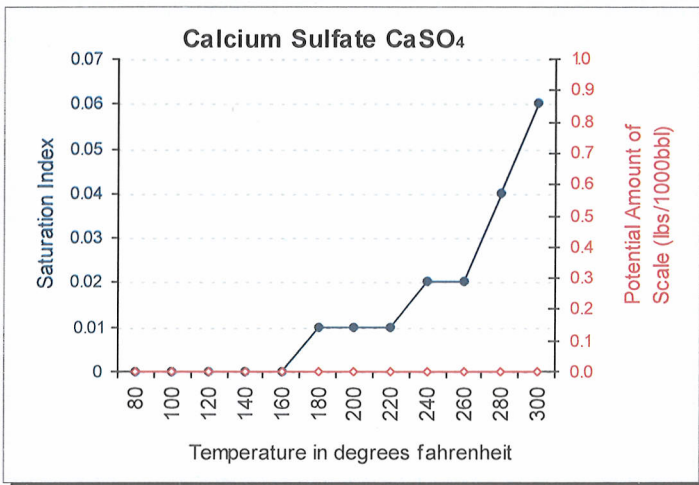
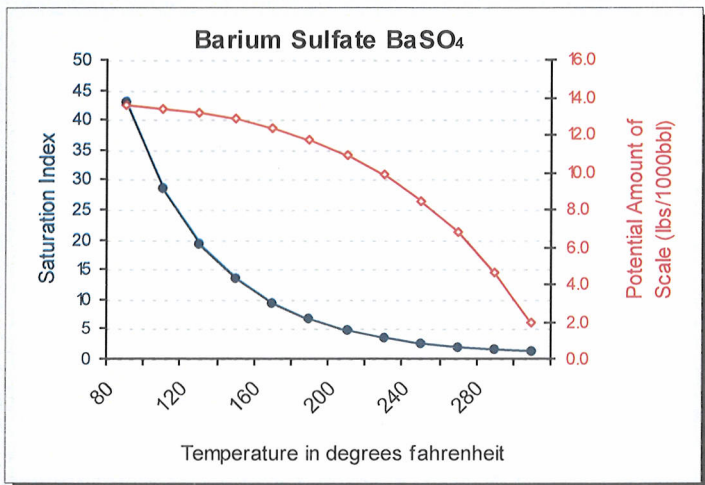
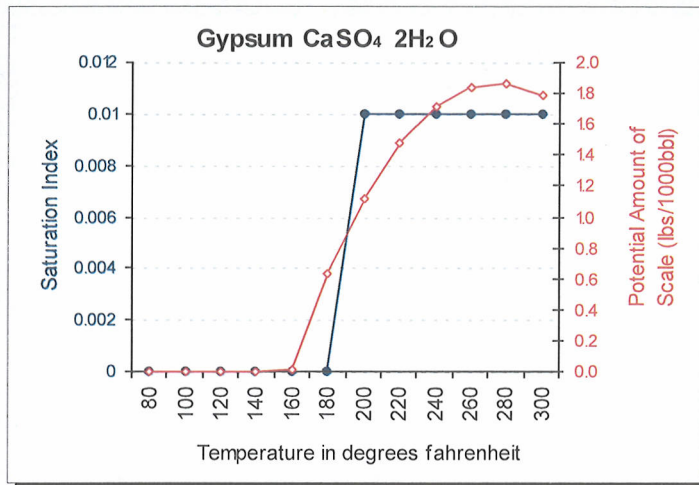
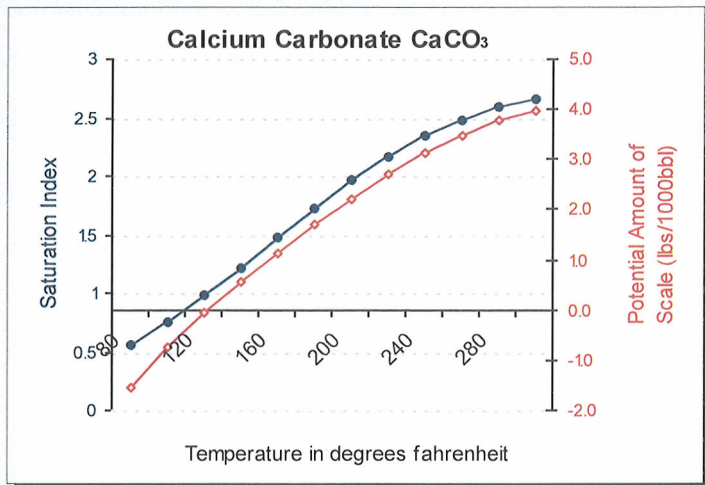
1553 East Highway 40

Vernal, UT 84078

### Scale Prediction Graphs

Well Name: south wells draw IF

Sample ID: WA-53132





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1553 East Highway 40  
Vernal, UT 84078

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**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-52902**Well Name: **Ashley 14-5-9-16**Sample Point: **Tank**Sample Date: **1 /12/2011**Sales Rep: **Monty Frost**Lab Tech: **John Keel**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	11/14/2011	<b>Cations</b>	<b>mg/L</b>	<b>Anions</b>	<b>mg/L</b>
Temperature (°F):	100	Calcium (Ca):	12.00	Chloride (Cl):	4000.00
Sample Pressure (psig):		Magnesium (Mg):	4.80	Sulfate (SO <sub>4</sub> ):	54.00
Specific Gravity (g/cm <sup>3</sup> ):	1.0070	Barium (Ba):	12.60	Dissolved CO <sub>2</sub> :	-
pH:	7.5	Strontium (Sr):	-	Bicarbonate (HCO <sub>3</sub> ):	1854.00
Turbidity (NTU):	-	Sodium (Na):	3267.00	Carbonate (CO <sub>3</sub> ):	-
		Potassium (K):	-	H <sub>2</sub> S:	-
		Iron (Fe):	0.18	Phosphate (PO <sub>4</sub> ):	-
		Manganese (Mn):	0.04	Silica (SiO <sub>2</sub> ):	-
		Lithium (Li):	-	Fluoride (F):	-
Calculated T.D.S. (mg/L):	9205	Aluminum (Al):	-	Nitrate (NO <sub>3</sub> ):	-
Molar Conductivity (µS/cm):	13946	Ammonia NH <sub>3</sub> :	-	Lead (Pb):	-
Resistivity (Mohm):	0.7171			Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub>
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
100		0.89	-0.91	0.00	-2280.70	0.00	-2405.30	-	-	19.28	20.08	1.55
80	0	0.67	-3.04	0.00	-11.19	0.00	-2559.80	-	-	29.24	20.53	0.73
100	0	0.89	-0.91	0.00	-7.31	0.00	-2405.30	-	-	19.28	20.08	0.90
120	0	1.10	0.79	0.00	-4.43	0.00	-2179.00	-	-	13.00	19.44	1.01
140	0	1.32	2.19	0.00	-2.34	0.00	-1912.90	-	-	8.95	18.57	1.13
160	0	1.51	3.28	0.00	-0.93	0.00	-1634.40	-	-	6.27	17.39	1.28
180	0	1.69	4.02	0.00	-0.13	0.00	-1364.00	-	-	4.46	15.85	1.40
200	0	1.83	4.45	0.00	0.25	0.00	-1115.10	-	-	3.22	13.85	1.42
220	2.51	1.92	4.62	0.00	0.33	0.00	-904.83	-	-	2.31	11.14	1.44
240	10.3	1.98	4.63	0.00	0.31	0.00	-715.47	-	-	1.71	7.92	1.46
260	20.76	2.02	4.55	0.00	0.23	0.00	-557.07	-	-	1.27	3.98	1.49
280	34.54	2.02	4.43	0.00	0.14	0.00	-427.43	-	-	0.96	-0.78	1.51
300	52.34	1.99	4.28	0.00	0.05	0.01	-323.19	-	-	0.73	-6.46	1.55

**Conclusions:**

Calcium Carbonate scale is indicated. See graph for appropriate temperature ranges.

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

**Notes:**

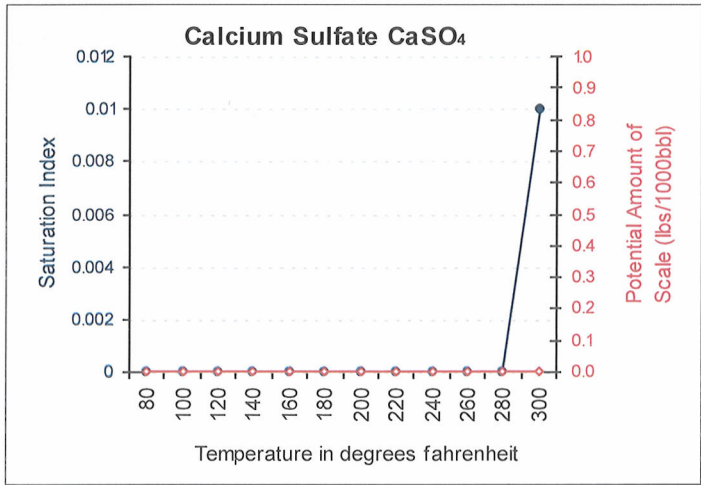
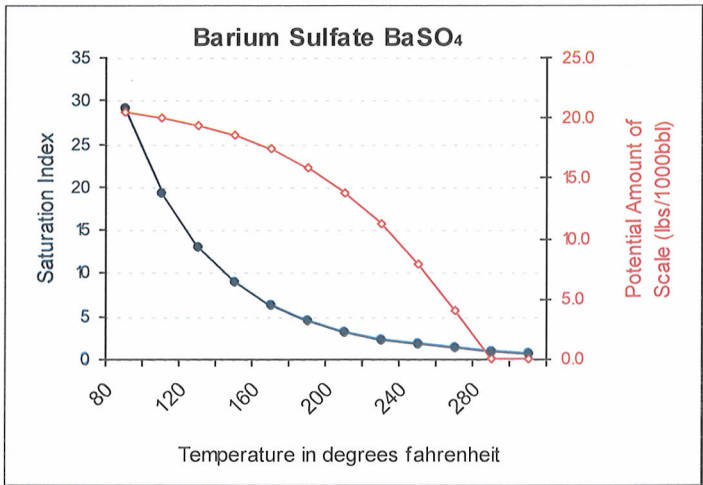
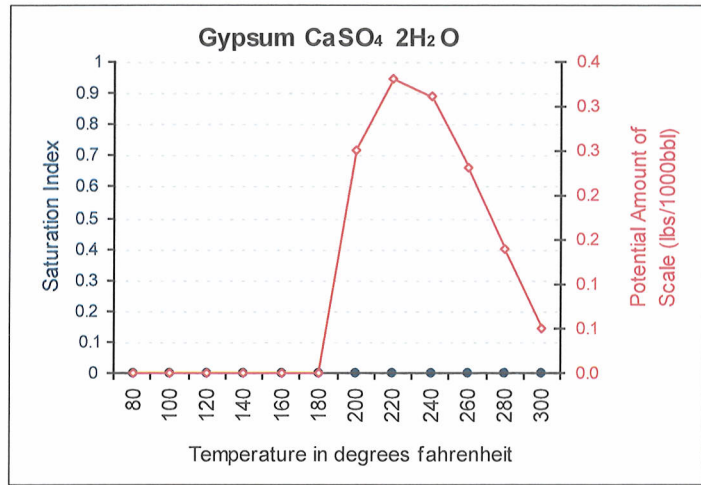
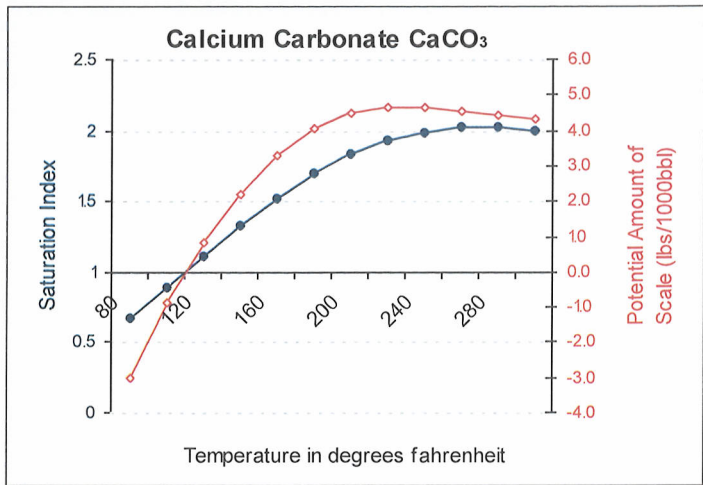
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**Scale Prediction Graphs**Well Name: **Ashley 14-5-9-16**Sample ID: **WA-52902**

# Attachment "G"

## West Point #14-5-9-16 Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5396	5733	5565	2900	0.97	2865
5116	5257	5187	2000	0.82	1967 ←
4820	5017	4919	2100	0.87	2069
4391	4396	4394	2280	0.95	2251
				Minimum	<u>1967</u>

### Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



ATTACHMENT G-1  
1 of 8

DAILY COMPLETION REPORT

WELL NAME: West Point 14-5-9-16

Report Date: August 14, 2002

Completion Day: 01

Present Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8 @ 311' Prod Csg: 5 1/2 Wt: 15.5# @ 5908' Csg PBTD: 5859' W.L.  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	5396-5408'	4/48			
LODC sds	5470-5482'	4/48			
LODC sds	5485-5487'	4/8			
LODC sds	5493-5496'	4/12			
CP1 sds	5727-5733'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: August 13, 2002

SITP: SICP: 0

Install 5M frac head. NU Cameron 6" 5M BOP. Pressure test csg, BOP (blind rams), frac head & csg valves to 3000 psi. RU Schlumberger and run CBL f/ WL TD of 5859' to cement top @ 774'. Perf stage #1 W/ 4" csg guns as follows: CP1 sds @ 5727-33'; LODC sds @ 5493-96', 5485-87', 5470-82' and 5396-5408'. All 4 JSPF. 3 gun runs total. SIFN W/ est 140 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 140 Starting oil rec to date: 0  
Fluid lost/recovered today: 0 Oil lost/recovered today:  
Ending fluid to be recovered: 140 Cum oil recovered: 0  
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

COSTS

Weatherford BOP	\$130
IPC NU crew	\$300
Hagman trucking	\$1,300
IPC trucking	\$200
Drilling cost	\$161,677
Zubiate HO trk	\$105
Schlumberger-CBL/perfs	\$6,049
Location preparation	\$200
IPC wellhead	\$1,500
IPC supervision	\$300

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Gary Dietz

DAILY COST: \$171,761

TOTAL WELL COST: \$171,761



ATTACHMENT G-1  
2 of 8

DAILY COMPLETION REPORT

WELL NAME: West Point 14-5-9-16

Report Date: August 15, 2002

Completion Day: 2a

Present Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8 @ 311' Prod Csg: 5 1/2 Wt: 15.5# @ 5908' Csg PBTD: 5859' W.L.  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	<u>5396-5408'</u>	<u>4/48</u>			
LODC sds	<u>5470-5482'</u>	<u>4/48</u>			
LODC sds	<u>5485-5487'</u>	<u>4/8</u>			
LODC sds	<u>5493-5496'</u>	<u>4/12</u>			
CP1 sds	<u>5727-5733'</u>	<u>4/24</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: August 14, 2002

SITP:            SICP: 0

Day 2(a):

NU BJ Services "Ram head" flange. RU BJ and frac LODC sds & CP sds W/ 147,942# 20/40 sand in 1008 bbls. Perfs broke down @ 2073 psi. Treated @ ave press of 2000 psi W/ ave rate of 28.3 BPM. W/ 8# sand on perfs pressure climbed rapidly. Stalled out frac pump at high rate but able to complete flush @ slower rate. ISIP-2900 psi. Leave pressure on well. Est 1148 BWTR.

See day 2(b)

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 140 Starting oil rec to date: 0  
Fluid lost/recovered today: 1008 Oil lost/recovered today:             
Ending fluid to be recovered: 1148 Cum oil recovered: 0  
IFL:            FFL:            FTP:            Choke:            Final Fluid Rate:            Final oil cut:           

STIMULATION DETAIL

COSTS

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: LODC and CP1 sands

11300 gals of pad  
7250 gals W/ 1-5 ppg of 20/40 sand  
14500 gals W/ 5-8 ppg of 20/40 sand  
3975 gals W/ 8 ppg of 20/40 sand  
Flush W/ 5313 gals of slick water

Weatherford BOP	<u>\$130</u>
BJ Services-CP/LODC	<u>\$34,168</u>
IPC frac water (piped)	<u>\$100</u>
IPC fuel gas	<u>\$100</u>
Bell nipple	<u>\$200</u>
IPC welder	<u>\$200</u>
IPC supervision	<u>\$200</u>

Max TP: 3200 Max Rate: 28.5 BPM Total fluid pmpd: 1008 bbls

Avg TP: 2000 Avg Rate: 28.3 BPM Total Prop pmpd: 147,942#

ISIP: 2900 5 min:            10 min:            FG: .96

Completion Supervisor: Gary Dietz

DAILY COST: \$35,098

TOTAL WELL COST: \$206,859



ATTACHMENT G-1  
3 of 8

## DAILY COMPLETION REPORT

WELL NAME: West Point 14-5-9-16Report Date: August 15, 2002Completion Day: 2bPresent Operation: CompletionRig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 311' Prod Csg: 5 1/2 Wt: 15.5# @ 5908' Csg PBTD: 5859' W.L.  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5290'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
B2 sds	<u>5116-5123'</u>	<u>4/28</u>	LODC sds	<u>5396-5408'</u>	<u>4/48</u>
B2 sds	<u>5137-5140'</u>	<u>4/12</u>	LODC sds	<u>5470-5482'</u>	<u>4/48</u>
A .5 sds	<u>5236-5249'</u>	<u>4/52 (1' deep)</u>	LODC sds	<u>5485-5487'</u>	<u>4/8</u>
A .5 sds	<u>5252-5257'</u>	<u>4/20</u>	LODC sds	<u>5493-5496'</u>	<u>4/12</u>
			CP1 sds	<u>5727-5733'</u>	<u>4/24</u>

## CHRONOLOGICAL OPERATIONS

Date Work Performed: August 14, 2002SITP:            SICP: 2900

## Day 2(b):

RU Schlumberger WLT, crane & lubricator. RIH W/ Weatherford 5 1/2" composite flow-through frac plug & 4" perf gun. Set plug @ 5290'. Perf A .5 sds @ 5252-57'. Run #2 ran 3-4" perf guns. Upon correlating to csg collar, became stuck in sand. Unable to free gun by flowing well back (well dead). Decision made to shoot btm 13' gun 1' deep (A .5 sds @ 5236-49'). Gun came free & regained well pressure. Pull WL uphole 400'. RU BJ and pump against perfs. Moved 3 bbls then hit 3500 psi and holding. Perf remaining 2 intervals as follows: B2 sds @ 5137-40' & 5116-23'. All @ 4 JSPF. RU BJ Services and frac B2 & A .5 sds W/ 99,751# 20/40 sand in 707 bbls Viking I-25 fluid. Perfs broke down @ 3720 psi. Treated @ ave press of 1950 psi W/ ave rate of 28.3 BPM. ISIP-2000 psi. Leave pressure on well. Est 1855 BWTR.

See day 2(c)

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1148 Starting oil rec to date: 0  
Fluid lost/recovered today: 707 Oil lost/recovered today:             
Ending fluid to be recovered: 1855 Cum oil recovered: 0  
IFL:            FFL:            FTP:            Choke:            Final Fluid Rate:            Final oil cut:           

## STIMULATION DETAIL

## COSTS

Base Fluid used: Viking I-25 Job Type: Sand fracCompany: BJ ServicesProcedure or Equipment detail: B2 and A .5 sands7500 gals of pad5000 gals W/ 1-5 ppg of 20/40 sand10000 gals W/ 5-8 ppg of 20/40 sand2136 gals W/ 8 ppg of 20/40 sandFlush W/ 5040 gals of slick waterWeatherford Service \$550BJ Services-A/B sds \$17,556IPC frac water (piped) \$100IPC fuel gas \$100Schlumberger-A/B sds \$4,024Weatherford frac plug \$3,250IPC supervision \$200Max TP: 2335 Max Rate: 28.5 BPM Total fluid pmpd: 707 bblsAvg TP: 1950 Avg Rate: 28.3 BPM Total Prop pmpd: 99,751#ISIP: 2000 5 min:            10 min:            FG: .82Completion Supervisor: Gary DietzDAILY COST: \$25,780TOTAL WELL COST: \$232,639





ATTACHMENT G-1

4 of 8

## DAILY COMPLETION REPORT

WELL NAME: West Point 14-5-9-16Report Date: August 15, 2002Completion Day: 2cPresent Operation: CompletionRig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 311' Prod Csg: 5 1/2 Wt: 15.5# @ 5908' Csg PBTD: 5859' W.L.  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5290'  
BP/Sand PBTD: 5035'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	<u>4820-4823'</u>	<u>4/12</u>	A .5 sds	<u>5236-5249'</u>	<u>4/52</u>
D1 sds	<u>4843-4846'</u>	<u>4/12</u>	A .5 sds	<u>5252-5257'</u>	<u>4/20</u>
D2 sds	<u>4888-4891'</u>	<u>4/12</u>	LODC sds	<u>5396-5408'</u>	<u>4/48</u>
D3 sds	<u>4959-4963'</u>	<u>4/16</u>	LODC sds	<u>5470-5482'</u>	<u>4/48</u>
C sds	<u>5002-5017'</u>	<u>4/60</u>	LODC sds	<u>5485-5487'</u>	<u>4/8</u>
B2 sds	<u>5116-5123'</u>	<u>4/28</u>	LODC sds	<u>5493-5496'</u>	<u>4/12</u>
B2 sds	<u>5137-5140'</u>	<u>4/12</u>	CP1 sds	<u>5727-5733'</u>	<u>4/24</u>

## CHRONOLOGICAL OPERATIONS

Date Work Performed: August 14, 2002SITP:            SICP: 2000

## Day 2(c):

RU Schlumberger and run Weatherford 5 1/2" composite flow-through frac plug and 4" perf gun. Set plug @ 5035'. Perf C sds @ 5002-17'. Run #2 ran 4-4" perf guns. Perf D3 sds @ 4959-63'; D2 sds @ 4888-91' and D1 sds @ 4843-46' & 4820-23'. All 4 JSPF. RU BJ to frac D/C sds. Pumped 115 bbls pad and lost frac pump. (WO replacement pump). Re-start job. Frac D/C sds W/ 79,058# 20/40 sand in 582 bbls Viking I-25 fluid. Perfs broke down @ 1522 psi. Treated @ ave press of 1900 psi W/ ave rate of 28 BPM. ISIP-2100 psi. Leave pressure on well. Est 2552 BWTR.

See day 2(d)

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1855 Starting oil rec to date: 0  
Fluid lost/recovered today: 697 Oil lost/recovered today:             
Ending fluid to be recovered: 2552 Cum oil recovered: 0  
IFL:            FFL:            FTP:            Choke:            Final Fluid Rate:            Final oil cut:           

## STIMULATION DETAIL

## COSTS

Base Fluid used: Viking I-25 Job Type: Sand fracCompany: BJ ServicesProcedure or Equipment detail: D1, D2, D3 and C sands6000 gals of pad4000 gals W/ 1-5 ppg of 20/40 sand8000 gals W/ 5-8 ppg of 20/40 sand1734 gals W/ 8 ppg of 20/40 sandFlush W/ 4704 gals of slick waterWeatherford frac plug \$3,250BJ Services-D/C sds \$16,836IPC frac water (piped) \$100IPC fuel gas \$100Schlumberger-D/C sds \$4,103Varel tooth bit \$450IPC supervision \$200Max TP: 2300 Max Rate: 28 BPM Total fluid pmpd: 582 bblsAvg TP: 1900 Avg Rate: 28 BPM Total Prop pmpd: 79,058#ISIP: 2100 5 min:            10 min:            FG: .86Completion Supervisor: Gary DietzDAILY COST: \$25,039TOTAL WELL COST: \$257,678

ATTACHMENT G-1  
5 of 8

## DAILY COMPLETION REPORT

WELL NAME: West Point 14-5-9-16Report Date: August 15, 2002Completion Day: 2dPresent Operation: CompletionRig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 311' Prod Csg: 5 1/2 Wt: 15.5# @ 5908' Csg PBDT: 5859' W.L.  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBDT: 5290'BP/Sand PBDT: 5035'BP/Sand PBDT: 4440'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4391-4396'	4/20	A .5 sds	5236-5249'	4/52
D1 sds	4820-4823'	4/12	A .5 sds	5252-5257'	4/20
D1 sds	4843-4846'	4/12	LODC sds	5396-5408'	4/48
D2 sds	4888-4891'	4/12	LODC sds	5470-5482'	4/48
D3 sds	4959-4963'	4/16	LODC sds	5485-5487'	4/8
C sds	5002-5017'	4/60	LODC sds	5493-5496'	4/12
B2 sds	5116-5123'	4/28	CP1 sds	5727-5733'	4/24
B2 sds	5137-5140'	4/12			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: August 14, 2002SITP:                      SICP: 2100

## Day 2(d):

RU Schlumberger and run Weatherford 5 1/2" composite flow-through frac plug and 4" perf gun. Set plug @ 4440'. Perf GB6 sds @ 4391-96' W/ 4 JSPF. RU BJ and frac GB6 sds W/ 25,395# 20/40 sand in 257 bbls Viking I-25 fluid. Perfs broke down @ 4150 psi. Treated @ ave press of 2650 psi W/ ave rate of 24 BPM. ISIP-2280 psi. RD BJ & WLT. Begin immediate flowback of fracs on 12/64 choke @ 1 BPM. Zones flowed 3 hrs rec 132 BTF (est 5% of combined frac loads of 2669 bbls) SIFN W/ est 2420 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2552 Starting oil rec to date: 0  
Fluid lost/recovered today: 132 Oil lost/recovered today:                       
Ending fluid to be recovered: 2420 Cum oil recovered: 0  
IFL:                      FFL:                      FTP:                      Choke: 12/64 Final Fluid Rate:                      Final oil cut:                     

## STIMULATION DETAIL

## COSTS

Base Fluid used: <u>Viking I-25</u>	Job Type: <u>Sand frac</u>	Weatherford frac plug	\$3,250
Company: <u>BJ Services</u>		BJ Services-GB sds	\$6,409
Procedure or Equipment detail: <u>GB6 sands</u>		IPC frac water (piped)	\$100
<u>1600 gals of pad</u>		IPC fuel gas	\$100
<u>1250 gals W/ 1-5 ppg of 20/40 sand</u>		Schlumberger-GB sds	\$2,254
<u>3664 gals W/ 5-8 ppg of 20/40 sand</u>		IPC frac tks (8 X 4 days)	\$1,280
<u>Flush W/ 4284 gals of slick water</u>		IPC frac head rental	\$300
		IPC flowback super	\$100
		IPC water transfer	\$300
		Fletcher trucking	\$500
		Aztec J-55 tbg	
Max TP: <u>3050</u> Max Rate: <u>24 BPM</u> Total fluid pmpd: <u>257 bbls</u>		Rocky Mt. KCL	\$260
Avg TP: <u>2650</u> Avg Rate: <u>24 BPM</u> Total Prop pmpd: <u>25,395#</u>		IPC supervision	\$100
ISIP: <u>2280</u> 5 min: <u>                    </u> 10 min: <u>                    </u> FG: <u>.96</u>		DAILY COST:	\$14,953



ATTACHMENT G-1  
6 of 8

DAILY COMPLETION REPORT

WELL NAME: West Point 14-5-9-16 Report Date: August 16, 2002 Completion Day: 03  
Present Operation: Completion Rig: Pennant # 18

WELL STATUS

Surf Csg: 8 5/8 @ 311' Prod Csg: 5 1/2 Wt: 15.5# @ 5908' Csg PBTD: 5859' W.L.  
Tbg: Size: 27/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5210'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4391-4396'	4/20	A .5 sds	5236-5249'	4/52
D1 sds	4820-4823'	4/12	A .5 sds	5252-5257'	4/20
D1 sds	4843-4846'	4/12	LODC sds	5396-5408'	4/48
D2 sds	4888-4891'	4/12	LODC sds	5470-5482'	4/48
D3 sds	4959-4963'	4/16	LODC sds	5485-5487'	4/8
C sds	5002-5017'	4/60	LODC sds	5493-5496'	4/12
B2 sds	5116-5123'	4/28	CP1 sds	5727-5733'	4/24
B2 sds	5137-5140'	4/12			

CHRONOLOGICAL OPERATIONS

Date Work Performed: August 15, 2002 SITP: \_\_\_\_\_ SICP: \_\_\_\_\_

MIRU Pennant # 18. Nipple down 5-M frac head & Bop's. Nipple up 3-M production head & Bop's. MU new 43/4". Tally in hole. Tag sand @ 4393'. Rig up power swivel. Clean out to composite @ 4440'. Drill out same ( 10 mins.) swivel down to composite plug @ 5035'. Drill out same ( 7 mins.) Swivel down to 5224' hard going for 30' ( 2 hrs ). Con't to swivel down to composite @ 5290'. Drill out same ( 28 mins.) Clean out to 5340'. Circulate well bore clean. TOH with 4 jt's. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2420 Starting oil rec to date: 0  
Fluid lost/recovered today: 49 Oil lost/recovered today: \_\_\_\_\_  
Ending fluid to be recovered: 2371 Cum oil recovered: 0  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

STIMULATION DETAIL

COSTS

Base Fluid used: \_\_\_\_\_ Job Type: \_\_\_\_\_  
Company: \_\_\_\_\_  
Procedure or Equipment detail: GB6 sands

Pennant # 18	\$3,700
IPC supervision	\$200
Wheatherford Bop's	\$150
lpc water trucks	\$200
Vft trucking	\$315
4-Star power swivel	\$400
Treat O Clay	\$100
Aztec Tbg	\$18,000

Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_

Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_

ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: \_\_\_\_\_

Completion Supervisor: Pat Wisener

DAILY COST: \$23,065

TOTAL WELL COST: \$295,696

## DAILY COMPLETION REPORT

**WELL NAME:** West Point 14-5-9-16

Report Date: August 17, 2002

**Completion Day: 04**

Present Operation:	Completion
1. The project is in the planning phase.	2. The project is in the execution phase.
2. The project is in the execution phase.	3. The project is in the completion phase.
3. The project is in the completion phase.	4. The project is in the post-project phase.
4. The project is in the post-project phase.	5. The project is in the evaluation phase.
5. The project is in the evaluation phase.	6. The project is in the feedback phase.
6. The project is in the feedback phase.	7. The project is in the final phase.
7. The project is in the final phase.	8. The project is in the closure phase.
8. The project is in the closure phase.	9. The project is in the termination phase.
9. The project is in the termination phase.	10. The project is in the final phase.

**Rig: Pennant # 18**

**WELL STATUS**

Surf Csg:	<u>8 5/8</u>	@	<u>311'</u>	Prod Csg:	<u>5 1/2</u>	Wt:	<u>15.5#</u>	@	<u>5908'</u>	Csg PBTD:	<u>5906'</u>
Tbg:	Size:	<u>27/8"</u>	Wt:	<u>6.5#</u>	Grd:	<u>J-55</u>	Pkr/EOT @:	<u>5695'</u>			

## PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
GB6 sds	4391-4396'	4/20	A .5 sds	5236-5249'	4/52
D1 sds	4820-4823'	4/12	A .5 sds	5252-5257'	4/20
D1 sds	4843-4846'	4/12	LODC sds	5396-5408'	4/48
D2 sds	4888-4891'	4/12	LODC sds	5470-5482'	4/48
D3 sds	4959-4963'	4/16	LODC sds	5485-5487'	4/8
C sds	5002-5017'	4/60	LODC sds	5493-5496'	4/12
B2 sds	5116-5123'	4/28	CP1 sds	5727-5733'	4/24
B2 sds	5137-5140'	4/12			

## CHRONOLOGICAL OPERATIONS

**Date Work Performed:** **August 16, 2002**

**SITP: 150      SICP: 200**

Con't to swivel in hole and clean out to PBTD of 5906'. Circulate well bore clean. Rack out swivel. Pull EOT to 5695'. Rig up swab and make 14 runs. With 345 total bbls fluid swabbed, ( 15 oil & 330 water). IF of surface. Final fluid level of 1800'. Average fluid level of 1400'. Final oil cut of 10%. No sand in last 6 runs.

SWIFN

2026 bbls water to recover.

## FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	2371	Starting oil rec to date:	0
Fluid lost/Recovered today:	345	Oil lost/recovered today:	
Ending fluid to be recovered:	2026	Cum oil recovered:	0
IFL: srfc FFL: 1800' FTP:		Choke:	Final Fluid Rate: Final oil cut: 10%

## STIMULATION DETAIL

## COSTS

[illegible]

**DAILY COST:** \$3,600

**TOTAL WELL COST: \$299,296**

**Completion Supervisor:** Pat Wisener



ATTACHMENT G-1  
8 of 8

DAILY COMPLETION REPORT

WELL NAME: West Point 14-5-9-16

Report Date: August 18, 2002

Completion Day: 05

Present Operation: Completion

Rig: Pennant # 18

WELL STATUS

Surf Csg: 8 5/8 @ 311' Prod Csg: 5 1/2 Wt: 15.5# @ 5908' Csg PBTD: 5906'  
Tbg: Size: 27/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5576 PBTD/sand 5889'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4391-4396'	4/20	A .5 sds	5236-5249'	4/52
D1 sds	4820-4823'	4/12	A .5 sds	5252-5257'	4/20
D1 sds	4843-4846'	4/12	LODC sds	5396-5408'	4/48
D2 sds	4888-4891'	4/12	LODC sds	5470-5482'	4/48
D3 sds	4959-4963'	4/16	LODC sds	5485-5487'	4/8
C sds	5002-5017'	4/60	LODC sds	5493-5496'	4/12
B2 sds	5116-5123'	4/28	CP1 sds	5727-5733'	4/24
B2 sds	5137-5140'	4/12			

CHRONOLOGICAL OPERATIONS

Date Work Performed: August 17, 2002

SITP: 150 SICP: 250

Rig up swab and make 6 runs. With 95 total bbls fluid swabbed, ( 7 oil & 88 water). IF of 600' Final fluid level of 1700'. Average fluid level of 1200' Circulate well bore clean. TIH tag sand @ 5889' ( 17' ). Lay down excess tbg. TOH. PU MU production string as listed below. Set tbg anchor w/ 15,000 #'s tension. Nipple down Bop's. Install B-1. PU & prime randy's pump. TIH with rod string as listed below. Seat pump space out rod's. Rig up pumping unit. Fill tbg & test to 500 psi. Stroke to 1,000 psi. Place well on production @ w/ 53" SL @ 11SPM 7:00pm  
SWIFN  
2008 bbls water to recover.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2026 Starting oil rec to date: 15  
Fluid lost/Recovered today: 18 Oil lost/recovered today: 40  
Ending fluid to be recovered: 2008 Cum oil recovered: 55  
IFL: 600 FFL: 1700' FTP: Choke: Final Fluid Rate: Final oil cut: 10%

STIMULATION DETAIL

COSTS

PRODUCTION TBG DETAIL	ROD DETAIL
KB 10.00'	1 1/2" X 22' polished rod
166 2 7/8 J-55 tbg (5367.57')	1-2' X 3/4" pony
TA (2.80' @ 5377.57 KB)	100-3/4" scraped rods
4 2 7/8 J-55 tbg (129.41')	104-3/4" plain rods
SN (1.10' @ 5509.78' KB)	10-3/4" scraped rods
2 2 7/8 J-55 tbg (64.68')	6-1 1/2" weight rods
2 7/8 NC (.45')	Randys 2 1/2 X 1 1/2 X 16'
EOT 5576.01' W/ 10' KB	RHAC pump W/SM plunger

Pennant # 18	\$3,215
IPC supervision	\$200
Wheatherford Bop's	\$150
Randy's SN	\$70
J & R pit reclaim	\$1,000
Randy's pump	\$1,000
IPC surface cost's	\$77,064
Mt west sanitation	\$300
Frac water disposal	\$1,000
Zubiate hot oil truck	\$300
A & B grade rod string	\$9,400

DAILY COST: \$93,699

TOTAL WELL COST: \$394,635

Completion Supervisor: Pat Wisener

MMV PPO 58

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4341'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 186' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perforate 4 JSPF @ 361'
6. Plug #4 Circulate 104 sx Class "G" cement down 5 ½" and up the 5 ½" x 8 5/8" annulus

The approximate cost to plug and abandon this well is \$42,000.

# West Point 14-5-9-16

Spud Date: 6/25/02  
Put on Production: 8/17/02  
GL: 5840' KB 5850'

Initial Production: 73 BOPD,  
121 MCFD, 30 BWPD

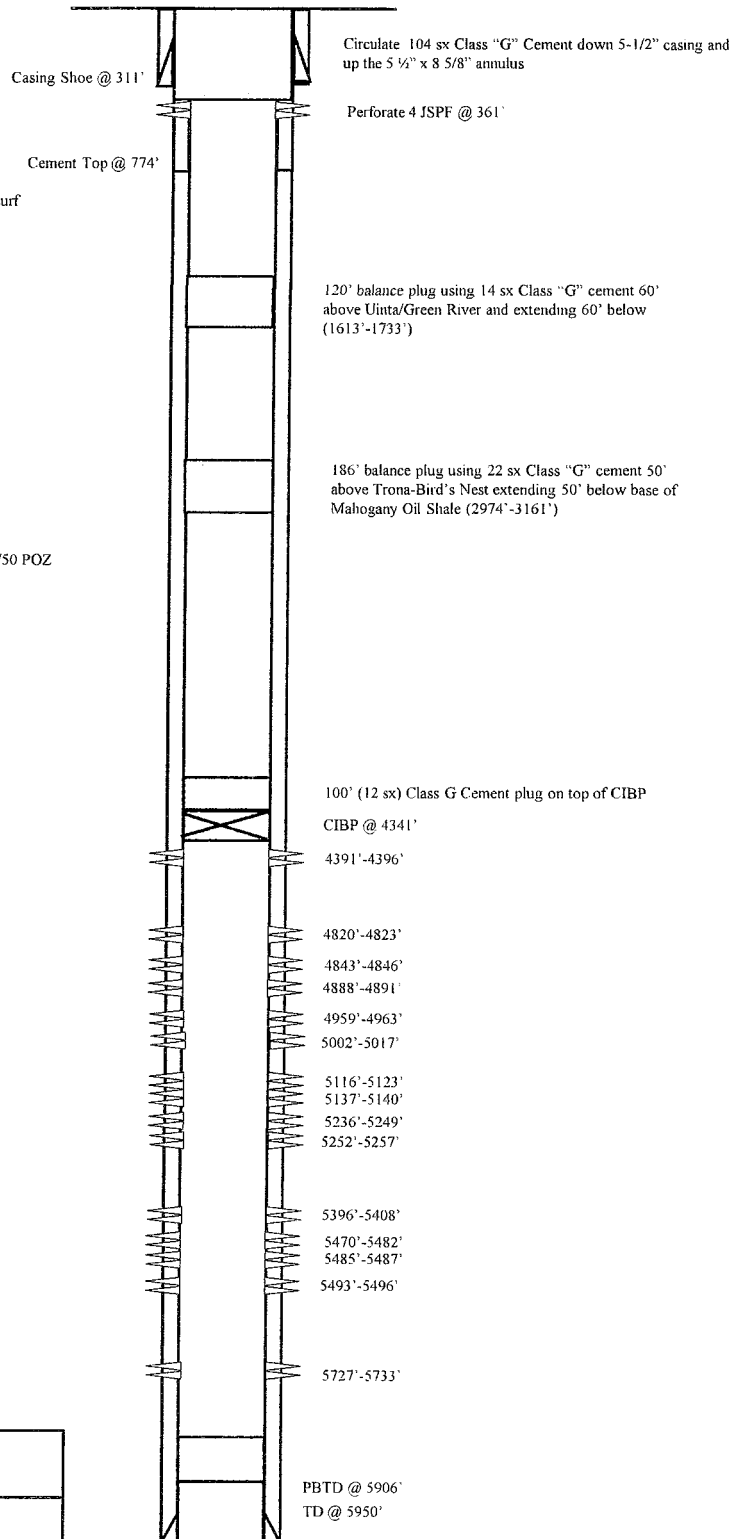
## Proposed P & A Wellbore Diagram

### SURFACE CASING

CSG SIZE 8-5/8"  
GRADE J-55  
WEIGHT 24#  
LENGTH 7 jts (303 36')  
DEPTH LANDED 311 36' KB  
HOLE SIZE 12-1/4"  
CEMENT DATA: 150 sxs Class "G" cmt, est 5 bbls cmt to surf

### PRODUCTION CASING

CSG SIZE 5-1/2"  
GRADE J-55  
WEIGHT 15 5#  
LENGTH 133 jts (5933 26')  
DEPTH LANDED 5928 86' KB  
HOLE SIZE 7-7/8"  
CEMENT DATA: 300 sxs Prem Lite II mixed & 550 sxs 50/50 POZ  
CEMENT TOP AT 774' per CBL



**NEWFIELD**

**West Point #14-5-9-16**

660' FSL & 1980' FWL

SESW Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-32328, Lease #UTU-73087

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
660 FSL 1980 FWL  
SESW Section 5 T9S R16E

5. Lease Serial No.

USA UTU-73087

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
GMBU

8. Well Name and No.  
WEST POINT 14-5-9-16

9. API Well No.  
4301332328

10. Field and Pool, or Exploratory Area  
GREATER MB UNIT

11. County or Parish, State  
DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and  
correct (Printed/ Typed)

Jill Loyle

Signature

Title

Regulatory Technician

Date

06/28/2011

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



4770 S. 5600 W.  
P.O. BOX 704005  
WEST VALLEY CITY, UTAH 84170  
FED.TAX I.D.# 87-0217663

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www.slttrib.com

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www.mediaoneutah.com

Deseret News  
www.deseretnews.com

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS		ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114		9001402352	7/19/2011
ACCOUNT NAME DIV OF OIL-GAS & MINING,		BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-379	
TELEPHONE 8015385340	ADORDER# / INVOICE NUMBER 0000708789 /	IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 10, 11, AND 12, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 5, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESE COUNTY, UTAH, AS CLASS II INJECTION WELLS.	
SCHEDULE Start 07/18/2011 End 07/18/2011		THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.	
CUST. REF. NO. 20110713		Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:	
CAPTION BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES		Greater Monument Butte Unit: Ashley 8-10-9-15 well located in SE/4 NE/4, Section 10, Township 9 South, Range 15 East API 43-013-32298 Ashley 2-11-9-15 well located in NW/4 NE/4, Section 11, Township 9 South, Range 15 East API 43-013-32214 Ashley 4-11-9-15 well located in NW/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32295 Ashley 6-11-9-15 well located in SE/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32297 Ashley U 2-12 well located in NW/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32006 Ashley U 4-12 well located in NW/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32007 Ashley U 6-12 well located in SE/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32170 Ashley U 8-12 well located in SE/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32165 Ashley U 10-12 well located in NW/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32172 Ashley U 12-12 well located in NW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32174 Ashley 14-12-9-15 well located in SW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32327 Ashley U 16-12 well located in SE/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32178 West Point 14-5-9-16 well located in SE/4 SW/4, Section 5, Township 9 South, Range 16 East API 43-013-32328	
SIZE 79 Lines 2.00 COLUMN		The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.	
TIMES 3	RATE	Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.	
MISC. CHARGES	AD CHARGES	Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.	
TOTAL COST 202.50		Dated this 13th day of July, 2011. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Brad Hill Permitting Manager 708789	

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-379 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

Start 07/18/2011

End 07/18/2011

PUBLISHED ON

SIGNATURE

*Sally Taylor*

7/19/2011

VIRGINIA CRAFT  
Notary Public, State of Utah  
Commission # 581489  
My Commission Expires  
January 12, 2014

*Virginia Craft*

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT

2250/REB/GOVICADMIN/GF11/6131



# AFFIDAVIT OF PUBLICATION

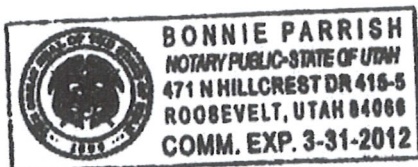
County of Duchesne,  
STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 19 day of July, 20 11, and that the last publication of such notice was in the issue of such newspaper dated the 19 day of July, 20 11, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Geoff Liesik  
Editor

Subscribed and sworn to before me this

20 day of July, 20 11  
Bonnie Parrish  
Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-379

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 10, 11, AND 12, TOWNSHIP

9 SOUTH, RANGE 15 EAST, AND SECTION 5,

publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 13th day of July, 2011.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING

/s/  
Brad Hill

Permitting Manager  
Published in the Uintah  
Basin Standard July 19,  
2011.

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-379

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 10, 11, AND 12, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 5, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Ashley 8-10-9-15 well located in SE/4 NE/4, Section 10, Township 9 South, Range 15 East API 43-013-32298  
Ashley 2-11-9-15 well located in NW/4 NE/4, Section 11, Township 9 South, Range 15 East API 43-013-32214  
Ashley 4-11-9-15 well located in NW/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32295  
Ashley 6-11-9-15 well located in SE/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32297  
Ashley U 2-12 well located in NW/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32006  
Ashley U 4-12 well located in NW/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32007  
Ashley U 6-12 well located in SE/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32170  
Ashley U 8-12 well located in SE/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32165  
Ashley U 10-12 well located in NW/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32172  
Ashley U 12-12 well located in NW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32174  
Ashley 14-12-9-15 well located in SW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32327  
Ashley U 16-12 well located in SE/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32178  
West Point 14-5-9-16 well located in SE/4 SW/4, Section 5, Township 9 South, Range 16 East API 43-013-32328

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 13th day of July, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY 8-10-9-15, ASHLEY 2-11-9-15, ASHLEY 4-11-9-15, ASHLEY 6-11-9-15, ASHLEY U 2-12,  
ASHLEY U 4-12, ASHLEY U 6-12, ASHLEY U 8-12, ASHLEY U 10-12, ASHLEY U 12-12,  
ASHLEY 14-12-9-15, ASHLEY U 16-12, WEST POINT 14-5-9-16**

**Cause No. UIC-379**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [ubs@ubstandard.com](mailto:ubs@ubstandard.com)

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

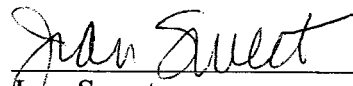
Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

SITLA  
675 East 500 South  
Salt Lake City, UT 84102-2818

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

Ute Tribe  
P.O. Box 190  
Ft. Duchesne, UT 84026

  
\_\_\_\_\_  
Jean Sweet



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

July 14, 2011

Via e-mail: [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-379

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



## Order Confirmation for Ad #0000708789-01

<b>Client</b>	DIV OF OIL-GAS & MINING	<b>Payor Customer</b>	DIV OF OIL-GAS & MINING
<b>Client Phone</b>	801-538-5340	<b>Payor Phone</b>	801-538-5340
<b>Account#</b>	9001402352	<b>Payor Account</b>	9001402352
<b>Address</b>	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	<b>Payor Address</b>	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114
<b>Fax</b>	801-359-3940	<b>Ordered By</b>	<b>Acct. Exec</b>
<b>Email</b>	earlenerussell@utah.gov	Jean	mfultz

<b>Total Amount</b>	<b>\$202.50</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$202.50</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
		0	0	1
<b>Payment Method</b>		<b>PO Number</b>	20110713	

### Confirmation Notes:

#### Text:

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	2.0 X 79 Li	<NONE>

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	07/18/2011	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	07/18/2011	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	07/18/2011	

### Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-379

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 10, 11, AND 12, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 5, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Units:  
Ashley 8-10-9-15 well located in SE/4 NE/4, Section 10, Township 9 South, Range 15 East API 43-013-32298  
Ashley 2-11-9-15 well located in NW/4 NE/4, Section 11, Township 9 South, Range 15 East API 43-013-32214  
Ashley 4-11-9-15 well located in NW/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32295  
Ashley 6-11-9-15 well located in SE/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32297  
Ashley U 2-12 well located in NW/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32006  
Ashley U 4-12 well located in NW/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32007  
Ashley U 6-12 well located in SE/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32170  
Ashley U 8-12 well located in SE/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32165  
Ashley U 10-12 well located in NW/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32172  
Ashley U 12-12 well located in NW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32174  
Ashley 14-12-9-15 well located in SW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32327  
Ashley U 16-12 well located in SE/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32178  
West Point 14-5-9-16 well located in SE/4 SW/4, Section 5, Township 9 South, Range 16 East API 43-013-32328

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 13th day of July, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

/s/  
Brad Hill  
Permitting Manager  
708789

UPAXLP



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

July 14, 2011

Via e-mail: [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-379

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



**Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-379**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 7/14/2011 11:43 AM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-379

---

On 7/14/2011 11:22 AM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

This will be published July 19, 2011.  
Thank you.  
Cindy





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

August 8, 2011

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: West Point 14-5-9-16, Section 5, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32328

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** West Point 14-5-9-16

**Location:** 5/9S/16E      **API:** 43-013-32328

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 311 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,929 feet. A cement bond log demonstrates adequate bond in this well up to about 3,950 feet. A 2 7/8 inch tubing with a packer will be set at 4,341 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 6 producing wells, 5 injection wells, 2 P/A wells, and 1 shut-in well in the AOR. Additionally, there are 2 approved surface locations outside the AOR, from which wells will be directionally drilled to bottom hole locations inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval. However, inasmuch as some logs are of dubious quality or do not exhibit conclusive cement tops, it has been necessary to calculate approximate tops for "lite" cement, based on the cement indicated in the well completion report.

**Ground Water Protection:** As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1100 feet. Injection shall be limited to the interval between 4,137 feet and 5,906 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 14-5-9-16 well is 0.82 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,967 psig. The requested maximum pressure is 1,967 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**West Point 14-5-9-16**

**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date 7/18/2011

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU-73087

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU (GRRV)

1. TYPE OF WELL  
Oil Well

8. WELL NAME and NUMBER:  
WEST POINT 14-5-9-16

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
43013323280000

3. ADDRESS OF OPERATOR:  
Rt 3 Box 3630, Myton, UT, 84052

PHONE NUMBER:  
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL  
FOOTAGES AT SURFACE:  
0660 FSL 1980 FWL  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
Qtr/Qtr: SESW Section: 05 Township: 09.0S Range: 16.0E Meridian: S

COUNTY:  
DUCHESNE

STATE:  
UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

☐ NOTICE OF INTENT  
Approximate date work will start:

☒ SUBSEQUENT REPORT  
Date of Work Completion:  
1/12/2012

☐ SPUD REPORT  
Date of Spud:

☐ DRILLING REPORT  
Report Date:

☐ ACIDIZE

☐ CHANGE TO PREVIOUS PLANS

☒ CHANGE WELL STATUS

☐ DEEPEN

☐ OPERATOR CHANGE

☐ PRODUCTION START OR RESUME

☐ REPERFORATE CURRENT FORMATION

☐ TUBING REPAIR

☐ WATER SHUTOFF

☐ WILDCAT WELL DETERMINATION

☐ ALTER CASING

☐ CHANGE TUBING

☐ COMMINGLE PRODUCING FORMATIONS

☐ FRACTURE TREAT

☐ PLUG AND ABANDON

☐ RECLAMATION OF WELL SITE

☐ SIDETRACK TO REPAIR WELL

☐ VENT OR FLARE

☐ SI TA STATUS EXTENSION

☐ OTHER

☐ CASING REPAIR

☐ CHANGE WELL NAME

☒ CONVERT WELL TYPE

☐ NEW CONSTRUCTION

☐ PLUG BACK

☐ RECOMPLETE DIFFERENT FORMATION

☐ TEMPORARY ABANDON

☐ WATER DISPOSAL

☐ APD EXTENSION

OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 01/10/2012. On 01/11/2012 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/12/2012 the casing was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
January 25, 2012

Date: \_\_\_\_\_

By: \_\_\_\_\_

NAME (PLEASE PRINT)  
Lucy Chavez-Naupoto

PHONE NUMBER  
435 646-4874

TITLE  
Water Services Technician

SIGNATURE  
N/A

DATE  
1/18/2012

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_

Date 1/12/2012 Time 11:30 A (am) pm

Test Conducted by: DAVE CLWARD

Others Present: \_\_\_\_\_

Well: WEST POINT 14-5-9-16

Field: WEST POINT UTAH 87538X

Well Location: WEST POINT 14-5-9-16

DUCHESNE COUNTY, UTAH

API No:

SE/SW SEC. 5, T9S R16E

43-013-32328

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1300</u>	psig
5	<u>1300</u>	psig
10	<u>1300</u>	psig
15	<u>1300</u>	psig
20	<u>1300</u>	psig
25	<u>1300</u>	psig
30 min	<u>1300</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result:

Pass

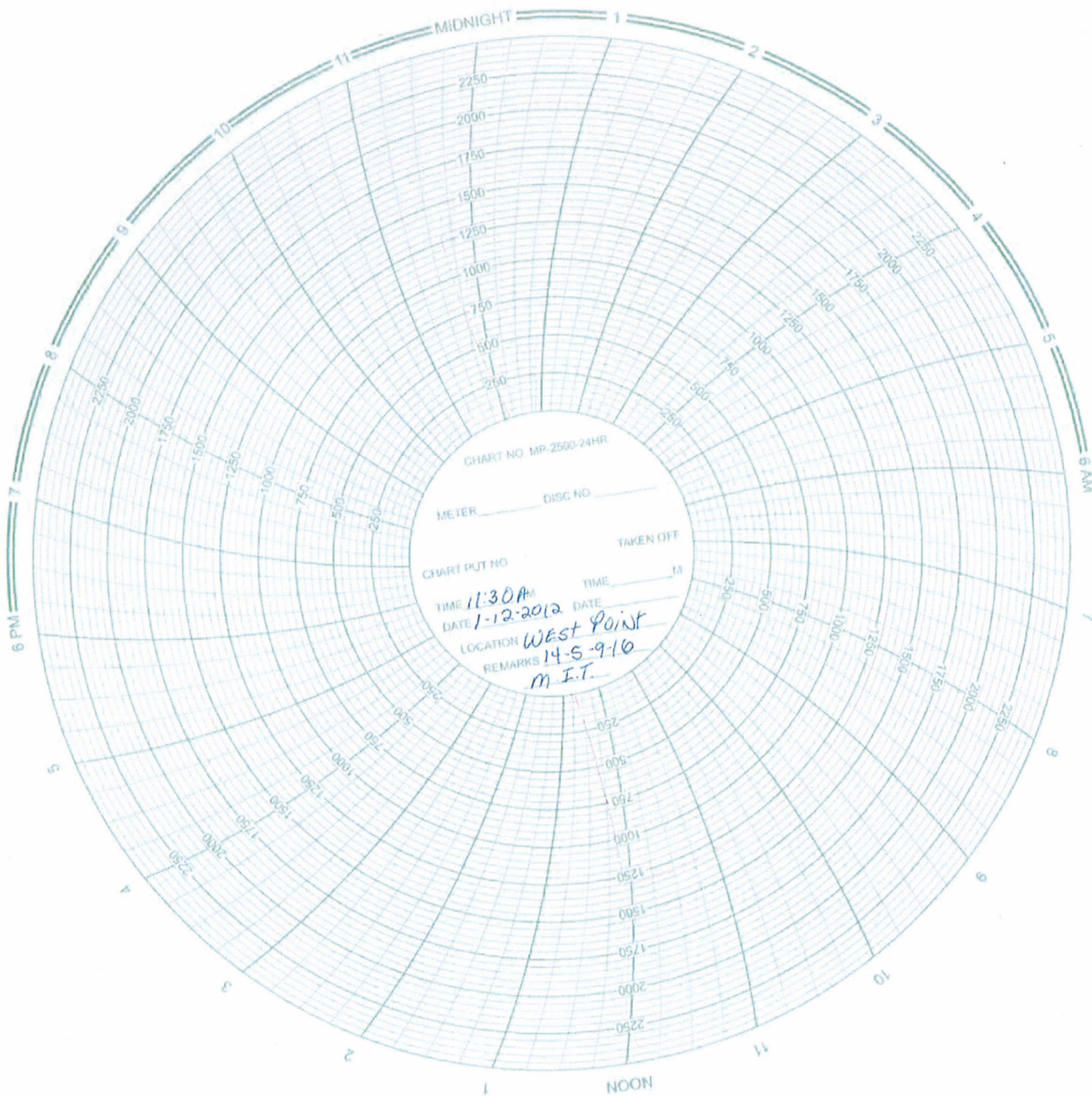
Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: \_\_\_\_\_

David Cloward





**Daily Activity Report****Format For Sundry****W POINT 14-5-9-16****11/1/2011 To 3/29/2012****1/6/2012 Day: 1****Conversion**

WWS #3 on 1/6/2012 - MIRU WWS#3. Flush rods. Pressure test. LD 80 rods. - MIRU Western rig #3. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 16 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD 80 3/4" gudied rods. SIFN. - MIRU Western rig #3. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 16 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD 80 3/4" gudied rods. SIFN. **Finalized**

**Daily Cost: \$0****Cumulative Cost: (\$70,542)****1/9/2012 Day: 2****Conversion**

WWS #3 on 1/9/2012 - Continue LD rods. TIH w/ B&S. - Open well w/ 0 psi on casing. Continue LD rods. Flushed 5 times LD rods (105 bbls ttl) well is full but 10% returns. RD well head. Release TA. TOO H w/ tbg breaking & doping every connection. Dragging on TOO H. TIH w/ 4-3/4" bit w/ scrapper. 100 jts in SIFN. - Open well w/ 0 psi on casing. Continue LD rods. Flushed 5 times LD rods (105 bbls ttl) well is full but 10% returns. RD well head. Release TA. TOO H w/ tbg breaking & doping every connection. Dragging on TOO H. TIH w/ 4-3/4" bit w/ scrapper. 100 jts in SIFN.

**Daily Cost: \$0****Cumulative Cost: (\$63,523)****1/10/2012 Day: 4****Conversion**

WWS #3 on 1/10/2012 - TIH w/ pkr. Set pkr. Test casing. RDMOSU. - Continue TIH w/ Bit & scrpr to tag fill @ 5743'. TOO H w/ B&S. RU bailer & TIH w/ tbg w/ 14 jt cavity. Bailed 20' of sand & fell through bridge. TIH w/ tbg to tag PBTD @ 5845'. TOO H w/ tbg. LD bailer. RU 5-1/2" x 2-1/2" Arrow Set 1 pkr w/ wireline entry guide, SN. TIH w/ tbg Breaking , doping & inspect every connection & doping w/ green teflon dope. 60 jts in SIFN. - Continue TIH w/ Bit & scrpr to tag fill @ 5743'. TOO H w/ B&S. RU bailer & TIH w/ tbg w/ 14 jt cavity. Bailed 20' of sand & fell through bridge. TIH w/ tbg to tag PBTD @ 5845'. TOO H w/ tbg. LD bailer. RU 5-1/2" x 2-1/2" Arrow Set 1 pkr w/ wireline entry guide, SN. TIH w/ tbg Breaking , doping & inspect every connection & doping w/ green teflon dope. 60 jts in SIFN. - Continue TIH w/ Bit & scrpr to tag fill @ 5743'. TOO H w/ B&S. RU bailer & TIH w/ tbg w/ 14 jt cavity. Bailed 20' of sand & fell through bridge. TIH w/ tbg to tag PBTD @ 5845'. TOO H w/ tbg. LD bailer. RU 5-1/2" x 2-1/2" Arrow Set 1 pkr w/ wireline entry guide, SN. TIH w/ tbg Breaking , doping & inspect every connection & doping w/ green teflon dope. 60 jts in SIFN. - Continue TIH w/ tbg breaking & doping pins (135 jts total). Pump 20 bbls water. Drop SV. Test tbg to 2900 psi (good). RU sand line & retrieve SV. RD BOP's. Pump 42 bbls of packer fluid. Set Arrow Set @ 4341' w/ CE @ 4356', SN @ 4351' & EOT @ 4360'. Test casing to 1400 psi. RDMOSU. Well ready for MIT. - Continue TIH w/ tbg breaking & doping pins (135 jts total). Pump 20 bbls water. Drop SV. Test tbg to 2900 psi (good). RU sand line & retrieve SV. RD BOP's. Pump 42 bbls of packer fluid. Set Arrow Set @ 4341' w/ CE @ 4356', SN @ 4351' & EOT @ 4360'. Test casing to 1400 psi. RDMOSU. Well ready for MIT. - Continue TIH w/ tbg breaking & doping pins (135 jts total). Pump 20 bbls water. Drop SV. Test tbg to 2900 psi (good). RU sand line &



retrieve SV. RD BOP's. Pump 42 bbls of packer fluid. Set Arrow Set @ 4341' w/ CE @ 4356', SN @ 4351' & EOT @ 4360'. Test casing to 1400 psi. RDMOSU. Well ready for MIT. - Continue TIH w/ Bit & scrpr to tag fill @ 5743'. TOOH w/ B&S. RU bailer & TIH w/ tbg w/ 14 jt cavity. Bailed 20' of sand & fell through bridge. TIH w/ tbg to tag PBTD @ 5845'. TOOH w/ tbg. LD bailer. RU 5-1/2" x 2-1/2" Arrow Set 1 pkr w/ wireline entry guide, SN. TIH w/ tbg Breaking, doping & inspect every connection & doping w/ green teflon dope. 60 jts in SIFN. - Continue TIH w/ tbg breaking & doping pins (135 jts total). Pump 20 bbls water. Drop SV. Test tbg to 2900 psi (good). RU sand line & retrieve SV. RD BOP's. Pump 42 bbls of packer fluid. Set Arrow Set @ 4341' w/ CE @ 4356', SN @ 4351' & EOT @ 4360'. Test casing to 1400 psi. RDMOSU. Well ready for MIT. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$16,963

---

**1/17/2012 Day: 5**

**Conversion MIT**

Rigless on 1/17/2012 - Conduct MIT - On 01/11/2012 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/12/2012 the casing was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 01/11/2012 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/12/2012 the casing was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$42,283

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**Pertinent Files: Go to File List**



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-379

**Operator:** Newfield Production Company  
**Well:** West Point 14-5-9-16  
**Location:** Section 5, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-32328  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 8, 2011.
2. Maximum Allowable Injection Pressure: 1,967 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,137' – 5,906')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: \_\_\_\_\_

John Rogers  
Associate Director

1/24/12  
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Eric Sundberg, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

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# West Point 14-5-9-16

Spud Date: 6/25/02

Put on Production: 8/17/02

GL: 5840' KB: 5850'

Initial Production: 73 BOPD,  
121 MCFD, 30 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (303.36')

DEPTH LANDED: 311.36' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 150 sxs Class "G" cmt, est 5 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 133 jts. (5933.26')

DEPTH LANDED: 5928.86' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 550 sxs 50/50 POZ.

CEMENT TOP AT: 774' per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 135 jts (4341.7')

SEATING NIPPLE: 2-7/8" (1.10')

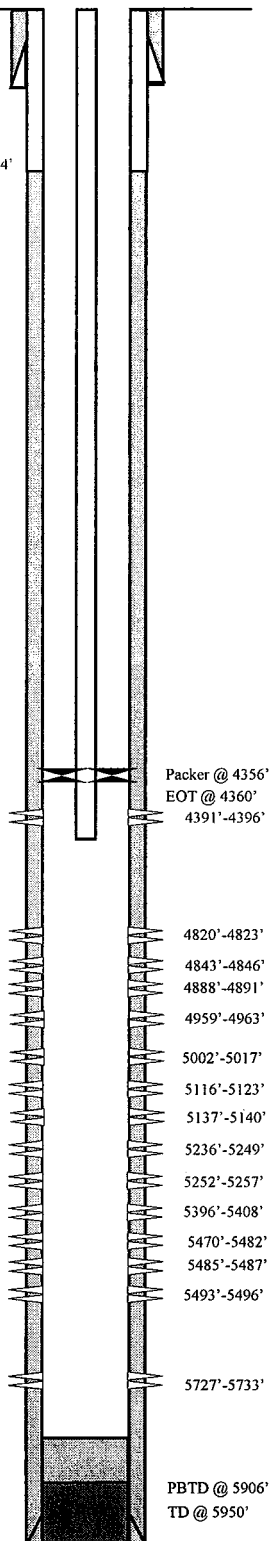
SN LANDED AT: 4351.7'

CE @ 4356'

TOTAL STRING LENGTH: EOT @ 4360'

### FRAC JOB

8/14/02	5396'-5733'	<b>Frac LODC &amp; CP1 sand as follows:</b> 147,942# 20/40 sand in 1008 bbls Viking 1-25 fluid. Treated @ avg press of 2000 psi w/avg rate of 28.3 BPM. ISIP 2900 psi. Calc flush: 5396 gal. Actual flush: 5313 gal.
8/14/02	5116'-5257'	<b>Frac B2, A 0.5 sand as follows:</b> 99,751# 20/40 sand in 707 bbls Viking 1-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 28.3 BPM. ISIP 2000 psi. Calc flush: 5116 gal. Actual flush: 5040 gal.
8/14/02	4820'-5017'	<b>Frac D &amp; C sand as follows:</b> 79,058# 20/40 sand in 582 bbls Viking 1-25 fluid. Treated @ avg press of 1900 psi w/avg rate of 28 BPM. ISIP 2100 psi. Calc flush: 4820 gal. Actual flush: 4704 gal.
8/14/02	4391'-4396'	<b>Frac GB6 sand as follows:</b> 25,395# 20/40 sand in 257 bbls Viking 1-25 fluid. Treated @ avg press of 2650 psi w/avg rate of 24 BPM. ISIP 2280 psi. Calc flush: 4391 gal. Actual flush: 4284 gal.
8/10/07		<b>Stuck pump.</b> Updated rod & tubing detail
7/17/08		<b>Pump change.</b> Updated rod and tubing detail
01/10/12		<b>Convert to Injection Well</b>
01/12/12		<b>Conversion MIT Finalized</b> – update tbg detail



### PERFORATION RECORD

8/13/02	5727'-5733'	4 JSPF	24 holes
8/13/02	5493'-5496'	4 JSPF	12 holes
8/13/02	5485'-5487'	4 JSPF	08 holes
8/13/02	5470'-5482'	4 JSPF	48 holes
8/13/02	5396'-5408'	4 JSPF	48 holes
8/14/02	5252'-5257'	4 JSPF	20 holes
8/14/02	5236'-5249'	4 JSPF	52 holes
8/14/02	5137'-5140'	4 JSPF	12 holes
8/14/02	5116'-5123'	4 JSPF	28 holes
8/14/02	5002'-5017'	4 JSPF	60 holes
8/14/02	4959'-4963'	4 JSPF	16 holes
8/14/02	4888'-4891'	4 JSPF	12 holes
8/14/02	4843'-4846'	4 JSPF	12 holes
8/14/02	4820'-4823'	4 JSPF	12 holes
8/14/02	4391'-4396'	4 JSPF	20 holes



West Point 14-5-9-16

660' FSL & 1980' FWL

SESW Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-32328; Lease #UTU-73087